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 now available on STN
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 NEWS 13 Nov 18 DKILIT has been renamed APOLLIT
 NEWS 14 Nov 25 More calculated properties added to REGISTRY
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 NEWS 17 Dec 17 TOXCENTER enhanced with additional content
 NEWS 18 Dec 17 Adis Clinical Trials Insight now available on STN
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 ENERGY, INSPEC
 NEWS 20 Feb 13 CANCERLIT is no longer being updated
 NEWS 21 Feb 24 METADEX enhancements
 NEWS 22 Feb 24 PCTGEN now available on STN
 NEWS 23 Feb 24 TEMA now available on STN
 NEWS 24 Feb 26 NTIS now allows simultaneous left and right truncation
 NEWS 25 Feb 26 PCTFULL now contains images
 NEWS 26 Mar 04 SDI PACKAGE for monthly delivery of multifile SDI results
 NEWS 27 Mar 19 APOLLIT offering free connect time in April 2003
 NEWS 28 Mar 20 EVENTLINE will be removed from STN
 NEWS 29 Mar 24 PATDPAPFULL now available on STN
 NEWS 30 Mar 24 Additional information for trade-named substances without
 structures available in REGISTRY
 NEWS 31 Apr 11 Display formats in DGENE enhanced
 NEWS 32 Apr 14 MEDLINE Reload
 NEWS 33 Apr 17 Polymer searching in REGISTRY enhanced
 NEWS 34 Apr 21 Indexing from 1947 to 1956 being added to records in CA/CAPLUS
 NEWS 35 Apr 21 New current-awareness alert (SDI) frequency in
 WPIDS/WPINDEX/WPIX
 NEWS 36 Apr 28 RDISCLOSURE now available on STN
 NEWS 37 May 05 Pharmacokinetic information and systematic chemical names
 added to PHAR

NEWS EXPRESS April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT

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MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
 AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 08:05:03 ON 06 MAY 2003

=> file reg		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 08:05:11 ON 06 MAY 2003
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STRUCTURE FILE UPDATES: 5 MAY 2003 HIGHEST RN 510776-00-8
 DICTIONARY FILE UPDATES: 5 MAY 2003 HIGHEST RN 510776-00-8

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNnote 27, Searching Properties in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=>
 Uploading C:\Program Files\Stnexp\Queries\10025080.str

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10149139

L1 STRUCTURE UPLOADED

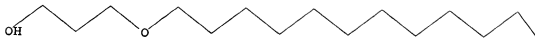
=> que L1

L2 QUE L1

=> d

L2 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

L2 QUE ABB=ON PLU=ON L1

=> s l1 full

FULL SEARCH INITIATED 08:05:38 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 155931 TO ITERATE

100.0% PROCESSED 155931 ITERATIONS

6336 ANSWERS

SEARCH TIME: 00.00.02

L3 6336 SEA SSS FUL L1

=>Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=> screen 1006

L4 SCREEN CREATED

=>

Uploading C:\Program Files\Stnexp\Queries\10025080.str

L5 STRUCTURE UPLOADED

=> que L5 AND L4

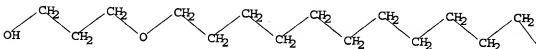
L6 QUE L5 AND L4

=> d

L6 HAS NO ANSWERS

L4 SCR 1006

L5 STR



Structure attributes must be viewed using STN Express query preparation.

L6 QUE ABB=ON PLU=ON L5 AND L4

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$$\text{Me}-(\text{CH}_2)_{15}-\text{O}-(\text{CH}_2)_3-\text{CH}$$

14 ANWHER 6 OF 49 CAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 131144463
 DOCUMENT NUMBER: 131144463
 TITLE: Synthesis and antiviral evaluation of 1- α -thiadenosylpropenyl-3- β -acyclovir: efficacy against HIV-1 infection in mice
 AUTHOR(S): Beechle, James R.; Kim, Ganes D.; Alders, Rolly A.; Beaudier, Michael P.; Wright, Terlene M.; Byham, Michael J.; Serr, Karl R.; Hostalar, Karl V.; Department of Medicine, University of California, San Diego, La Jolla, CA 92093-0674, USA
 SOURCE: Nucleosides, Nucleotides & Nucleic Acids (2000), 19(1), 473-479
 CODEN: NUNAAT; ISSN: 1545-7770
 PUBLISHER: Marcel Dekker, Inc.
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 AB 1- α -thiadenosylpropenyl-3- β -acyclovir, an orally bioavailable lipid prodrug of acyclovir was synthesized and evaluated for *in vitro* and *in vivo* activity against herpes simplex virus infection. Although 1- α -thiadenosylpropenyl-3- β -acyclovir was less active *in vitro* than acyclovir, on a molar basis it was 2-4 times more active orally in preventing mortality from acute HSV-1 infection in mice. *In vitro*, 1- α -thiadenosylpropenyl-3- β -acyclovir was also more active than acyclovir in a thymidine kinase neg. mutant strain of HSV-1 (DMS) and had somewhat higher activity in cytomegalovirus infection *in vitro* due to its ability to bypass thymidine kinase.
 IT 23377-40-4
 RI: RCT (Reactant); RACT (Reactant or reagent) (synthesis and antiviral evaluation of 1- α -thiadenosylpropenyl-3- β -acyclovir and efficacy against HIV-1 infection in mice)
 RN 23377-40-4 CAPLUS
 CN 1-Propenol, 3-(thiadenosyl)- (SCI, SCL) (CA INDEX NAME)
 HE (CH₂)₁₅-O-(CH₂)₃-OH
 REFERENCE COUNT: 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS
 FORMAT RECORD. ALL CITATIONS AVAILABLE IN THE RE

14 ANWHER 7 OF 49 CAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 131144003
 DOCUMENT NUMBER: 131144003
 TITLE: Preparation of carbonyl acids by oxidation of primary alcohols
 INVENTOR(S): Murahashi, Shunichi; Takahashi, Masakatsu
 PATENT ASSIGNEE(S): Kao Corp., Japan
 FILER: Kao Corp., Japan
 SOURCE: J. Chem. Soc., Perkin Trans. 1, 1998, 10, pp. 2059-2064
 CODEN: JPCHEM
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:
 PATENT NO. KIND DATE APPLICATION NO. DATE
 JP 13144677 A1 19980314 JP 1998-04793 19980227
 PRIORITY APPLS. INFO.: CASREACT JP 1998-04793 19980227
 OTHER SOURCE(S): AB 13144003 RI - C-23 (20- or 21-substituted linear or branched alkyl, alkenyl, or 1-11 alkylphenyl); Al - ether group, amino group, isino group, amino group, OH, polyoxyethylene group, etc.) or R²CH₂OH (20- or 21-substituted alkyl, C-23 linear or branched alkyl, hydroxyalkyl, haloalkyl).
 (A) C-18 alkylphenyl) are oxidized in the presence of 2-catalysts (A) chosen from compds. comprising Co(OAc), Fe²⁺, Fe³⁺, Cu²⁺, Mn²⁺, or H₂O₂, 2-glycerol-1-catalysts (B) chosen from Ru, Cr, Mo, Fe, Ni, Cu, Pd, N and their compds. (A, B) and R²CH₂OH (20- or 21-substituted linear or branched alkyl, alkenyl, substituted Ph, benzyl, cycloalkyl).
 2-Dodecylmethanol was oxidized in the presence of Co(OAc)₂, RuCl₃, and scandaldehyde in AcOEt at 35 degree. for 2.5 h to give 3H dodecylcarboxylic acid.
 IT 84327-56-4
 RI: RCT (Reactant); RACT (Reactant or reagent) (prepn. carbonyl acids by oxidn. of primary alcoh. in the presence of 2-dodecylmethanol)
 RN 84327-56-4 CAPLUS
 CN 1-Propenol, 3-(thiadenosyl)- (SCI) (CA INDEX NAME)
 HE (CH₂)₁₁-O-(CH₂)₃-OH

14 ANWHER 6 OF 49 CAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 139144978
 DOCUMENT NUMBER: 139144978
 TITLE: Preparation of nucleoside phosphonates as antiviral agents
 INVENTOR(S): R.; Kim, Ganes D.; Richman, Douglas D.; Dana-Farber Cancer Institute, U.S. Regs. of the University of California
 SOURCE: PCT Int. Appl., 50 pp.
 CODEN: PEXD20
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:
 PATENT NO. KIND DATE APPLICATION NO. DATE
 WO 98/28223 A1 19980903 WO 1998-02405 19980226
 RI: AU, CA, JP, KR, AT, AR, CN, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE
 AD 984665
 PRIORITY APPLS. INFO.: AU 19980918 AU 1998-84665 19980226
 US 1997-080647 19970226
 WO 1998-02405 19980226
 OTHER SOURCE(S): MAPPAT 139144978
 AB The invention provides lipophilic phosphono-acid/nucleoside conjugates that exhibit exceptional antiviral activity, including activity against drug resistant HIV strains. Compds. of the invention include phosphono-acid/nucleoside conjugates R¹OC(=O)P(=O)(OR²)(OR³), where R¹ is alkyl, alkenyl, alkynyl, alkoxyl, alkylidene, alkylmethyl, nucleoside, S, Y are independently H, OH, sulfinyl, oxim, alkyl, alkenyl, alkynyl, alkoxyl, alkylidene, alkylmethyl, alkylmethyl, 3'-endo-3'-deoxy-5'-O-(1-methoxyethoxy)methylphosphorylthymidine was prep. and tested for *in vivo* antiviral activity in CEM cells (TC50 = 3e⁶ IU/ml).
 IT 23377-40-4, 3-thiadenosyl-1-propenol
 RI: RCT (Reactant); RACT (Reactant or reagent) (prepn. of nucleoside phosphonates)
 RN 23377-40-4 CAPLUS
 CN 1-Propenol, 3-(thiadenosyl)- (SCI, SCL) (CA INDEX NAME)
 HE (CH₂)₁₅-O-(CH₂)₃-OH
 REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS
 FORMAT RECORD. ALL CITATIONS AVAILABLE IN THE RE

14 ANWHER 6 OF 49 CAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 139144978
 DOCUMENT NUMBER: 139144978
 TITLE: Radiolabeled phospholipid ether analogs and methods of using the same
 INVENTOR(S): Connell, Raymond E.; Longino, Marc A.; Panchuk, Anatoly N.; Remy, Mark A.; Walchert, Jenny P.
 PATENT ASSIGNEE(S): Regents of the University of Michigan, USA; Connell, Raymond E.; Longino, Marc A.; Panchuk, Anatoly N.; Remy, Mark A.; Walchert, Jenny P.
 SOURCE: PCT Int. Appl., 33 pp.
 CODEN: PEXD20
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:
 PATENT NO. KIND DATE APPLICATION NO. DATE
 WO 98/24400 A1 19980611 WO 1996-013923 19961204
 RI: AU, CA, JP, KR, AT, AR, CN, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE
 AD 984665
 PRIORITY APPLS. INFO.: AU 19960519 AU 1996-013923 19961204
 US 2003045449 A1 20030330 US 2001-038178 20010703
 WO 1996-013923 19961204
 US 1999-139406 19990226
 US 2003045449 A1 20030330 US 2001-038178 20010703
 WO 1996-013923 19961204
 US 1999-139406 19990226
 OTHER SOURCE(S): MAPPAT 139144978
 AB Improved radiolabeled phospholipid ether analogs are described which demonstrate significant tumor avidity and longer plasma half-life than shorter-chain analogs, providing superior imaging and visualization of neoplastic lesions and tumor-specific cytotoxic cancer therapy.
 IT 20984-28-2
 RI: RCT (Reactant); RACT (Reactant or reagent) (prepn. and biodistribution and structure activity of radiolabeled phospholipid ether analogs for tumor therapy and imaging)
 RN 20984-28-2 CAPLUS
 CN 1-Propenol, 3-(116-4-iodophenyl)octadecyl- (SCI) (CA INDEX NAME)
 HE (CH₂)₁₈-O-(CH₂)₃-OH



REFERENCE COUNT: 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS
 FORMAT RECORD. ALL CITATIONS AVAILABLE IN THE RE

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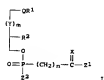
LA NUMBER 10 OF 49 CAPUSL COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 1997-734048 CAPUSL
 DOCUMENT NUMBER: 12614893
 TITLE: Mesophases in long chain alkoxy alcohol/orcho-phosphoric acid systems
 AUTHOR(S): Srikantharthy, K. P.; Balakrishnan, R.
 SUBSOURCE SOURCE: Appl. Sci. Dep., Coll. of Military Eng., Pune, 411031, India
 SOURCE: Molecular Crystals and Liquid Crystals Science and Technology, Section A. Molecular Crystals and Liquid Crystals (1997), 351, 403-409
 CODEN: MCLD; ISSN: 1058-755X
 PUBLISHER: Gordon & Breach
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 AB Optical, DSC and x-ray studies show that CH₂n-10CH₂nOH (n = 16, n = 4, n = 18 and 20, m = 2 and 3, n = 22, m = 3)/ac. H₂O/Ac systems exhibit mesophases in the order H₂A-L-V₂ (nematic-isotropic-smectic-A). The low temp. gel display characteristically the chevron pattern due to an undulation instability of bilayers; it is possibly caused by hydrocarbon chain elongation and stiffening.
 IT 23377-41-5 CAPUSL
 RI 23377-41-5 CAPUSL
 RI Mesophases in long chain alkoxy alc./ac. phosphoric acid systems)
 RI 23377-41-5 CAPUSL
 RI 1-Propanol, 3-(decyloxyloxy) - (ECI, PCI) (CA INDEX NAME)
 RI- (CH₂)₁₁-O- (CH₂)₉-OH
 RI 23377-41-5 CAPUSL
 RI 1-Propanol, 3-(decyloxyloxy) - (ECI, PCI) (CA INDEX NAME)
 RI- (CH₂)₁₃-O- (CH₂)₉-OH
 RI 23377-41-5 CAPUSL
 RI 1-Propanol, 3-(tetradecyloxy) - (PCI) (CA INDEX NAME)
 RI- (CH₂)₁₅-O- (CH₂)₉-OH
 RI 23377-41-5 CAPUSL
 RI 1-Propanol, 3-(hexadecyloxy) - (ECI, PCI) (CA INDEX NAME)
 RI- (CH₂)₁₇-O- (CH₂)₉-OH
 RI 23377-41-5 CAPUSL
 RI 1-Propanol, 3-(heptadecyloxy) - (ECI, PCI) (CA INDEX NAME)
 RI- (CH₂)₁₉-O- (CH₂)₉-OH
 RI 23377-41-5 CAPUSL
 RI 1-Propanol, 3-(dodecyloxy) - (PCI) (CA INDEX NAME)
 RI- (CH₂)₁₁-O- (CH₂)₉-OH

LA NUMBER 11 OF 49 CAPUSL COPYRIGHT 2003 ACS (Continued)
 ACCESSION NUMBER: 1996-56610 CAPUSL
 DOCUMENT NUMBER: 126192326
 TITLE: Synthesis and antiproliferative activity of cytidine-5'-alkylphosphonophosphates and structurally related compounds
 AUTHOR(S): Brachwitz, R.; Lechmann, U.; Thomas, V.; Bergmann, Berndel, W. R.; Lemgen, P.;
 CORPORATE SOURCE: Freie Universitat Berlin, Universitaetsklinikum Benjamin Franklin, Abt. Haematologie und Onkologie, Berlin, Germany
 SOURCE: Chemistry and Physics of Lipids (1996), 83(1/2), 77-85
 CODEN: CPLA4; ISSN: 0099-1084
 PUBLISHER: Elsevier
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 AB The chem. synthesis of cytidine-5'-alkyl- and cytidine-5'-alkyl(aryl)deoxyribosephosphonophosphates is reported. The compounds represent a novel class of cytotoxically active agents based on phospholipids, which inhibit the growth of various tumor cell lines in vitro. They are phospho analogs of the cytidine-5'-diphosphates (CDP-dCDP) possessing a structurally modified lipid moiety and a phospholipase C sensitive P-C bond. The antiproliferative efficacy of the cytidine-5'-alkylphosphonophosphates strongly depends on the alkyl chain length. The cytidine-5'-hexadecylphosphonophosphate was the most distinctly cytotoxic tested in this study. The cytotoxic effect was effective compared to the alkyl(aryl)deoxyribose derivative, and of the corresponding diphosphates. The structure of the new compounds were confirmed by fast atom bombardment mass spectrometry (FAB).
 IT 23377-40-4 CAPUSL
 RI 23377-40-4 CAPUSL
 RI 1-Propanol, 3-(heptadecyloxy) - (ECI, PCI) (CA INDEX NAME)
 RI- (CH₂)₁₅-O- (CH₂)₉-OH

LA NUMBER 11 OF 49 CAPUSL COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 1997-184419 CAPUSL
 DOCUMENT NUMBER: 1371287693
 TITLE: Alkyl propanol phosphates of fovearinet: effect of alkyl chain length on in vitro antiviral activity in cells infected with HIV-1, HIV-1 and HCMV
 AUTHOR(S): Kink, Doreen D.; Smalley, James S.; Xia, Hong; Aldem, Kathy A.; Rimmer, Douglas D.; Y. Hostetler, Karl
 CORPORATE SOURCE: Department of Medicines, University of California, San Diego, La Jolla, CA, 92093-0676, USA
 SOURCE: Antiviral Research (1997), 36(1), 41-53
 CODEN: AMREH; ISSN: 0166-2542
 PUBLISHER: Elsevier
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 AB The identification of more effective and less toxic fovearinet (PFA) analogs for antiviral therapy would be useful. We recently synthesized a 3'-O-deoxy-2'-methyl-2'-phosphonofornic acid (ODP-PFA) and noted a 50-fold increase in its anti-HCMV activity relative to PFA. In addition, the antiviral activity of ODP-PFA in herpes simplex virus type-1 (HSV-1) and 40-fold relative to PFA. Hostetler et al., 1996). To evaluate structure-activity relationships further, we synthesized alkoxypyl esters of fovearinet with varying alkyl chain lengths and degrees of saturation. These were tested in vitro for activity and selectivity in comparison with PFA and ODP-PFA in cells infected with HCMV, HIV-1 or HIV-1. Antiviral activity was strongly dependent on chain length with alkyl chains 14-18 carbon atoms long exhibiting the greatest antiviral activity against HCMV and HIV-1. In HIV-infected HT-4C cells, optimal activity was observed at 14-18 carbon chain lengths. The antiviral activities of 1-acyloxypropylpropane-3-PFA and 1-dodecylpropylpropane-3-PFA were 135- and 218-fold greater than that of PFA in HT-4C cells infected with HIV-1. This also represents a 3.6-6-fold improvement in antiviral activity over ODP-PFA, the previously reported analog.
 IT 23377-40-4 CAPUSL
 RI 23377-40-4 CAPUSL
 RI 1-Propanol, 3-(heptadecyloxy) - (ECI, PCI) (CA INDEX NAME)
 RI- (CH₂)₁₅-O- (CH₂)₉-OH
 RI 23377-40-4 CAPUSL
 RI 1-Propanol, 3-(hexadecyloxy) - (ECI, PCI) (CA INDEX NAME)
 RI- (CH₂)₁₇-O- (CH₂)₉-OH
 RI 23377-40-4 CAPUSL
 RI 1-Propanol, 3-(heptadecyloxy) - (ECI, PCI) (CA INDEX NAME)
 RI- (CH₂)₁₉-O- (CH₂)₉-OH
 RI 23377-40-4 CAPUSL
 RI 1-Propanol, 3-(dodecyloxy) - (PCI) (CA INDEX NAME)
 RI- (CH₂)₁₁-O- (CH₂)₉-OH

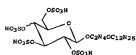
LA NUMBER 13 OF 49 CAPUSL COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 1994-47679S CAPUSL
 DOCUMENT NUMBER: 139142127
 TITLE: Preparation of glycerophospholipids as virucides
 AUTHOR(S): Montellier, Karl T.; Kiri, Denash O.
 INSTITUTION(S): Regents of the Univ. of California, USA
 INTENT ASSIGNMENT(S):
 SOURCE: PCT Int. Appl., 43 pp.
 COCLOC: P1203
 PATENT: 8063140
 DOCUMENT TYPE: RESEARCH
 LANGUAGE: ENGLISH
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
NO 9615133	A1	19940603	NO 1995-081840	19950315
W AL, AM, AT, AU, BE, BR, CA, CH, CN, DE, DK, EE, ES, FI, GB, GR, HU, IE, JP, KR, LI, LU, MC, NL, NO, NZ, PL, PT, RU, SE, SG, SI, SK, SW, TR, US, UK, ZA				
US 5696277	A	19971209	US 1994-140161	19941115
CA 2205136	AA	19950303	CA 1995-2205136	19951115
AU 8645419	A1	19960606	AU 1996-16365	19961115
AU 780051	B2	19950114		
EP 792475	A1	19970503	EP 1995-940014	19951115
SE				
R: AT, BE, CN, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, JP				
ZP 1058658	T2	19950502	ZP 1995-116140	19951115
US 6000209	A	19950214	US 1997-166681	19971209
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OTHER SOURCE(S):			NO 1995-051450	19951115
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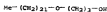


AB Glycerophospholipid I [O = 0; R1 = alkyl, (un)substituted alkyl; Y = CH2 = 0; R2 = R1, alkylamine, amino, OR, R, Me, OBn, OR, SMe, NCS, halogen; R3, R3 = alc., alkyl, Rn, aminoalkyl, pentose, hexose; X = 0, S,

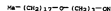
LA NUMBER 14 OF 49 CAPUSL COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 1995-74146S CAPUSL
 DOCUMENT NUMBER: 139142244
 TITLE: Synthesis of sulfated ceramide analogs having mimic of ceramide and their anti-human immunodeficiency virus type 1 activities
 AUTHOR(S): Yoshida, Kiyonori; Ikeda, Kiyohiko; Achiwa, Kazuo; Nishino, Hiroo
 CORPORATE SOURCE: School Pharmaceutical Sciences, Univ. Shizuoka, Shizuoka, 422, Japan
 SOURCE: Chemical & Pharmaceutical Bulletin (1995), 43(4), 594-603
 PUBLISHER: Chemical Society of Japan
 DOCUMENT TYPE: Journal
 LANGUAGE: English



AB Various sulfated ceramide analogs, e.g. I, which are mimics of ceramide, have been prep'd. from per-O-acetylated D-glucose, per-O-acetylated ceramide, and per-O-acetylated D-lactose with ethylenediyldiethyl ether, 3 deoxyolonyl-1-propanol, 2 hydroxymethyl-1,3-dioxolonyl-1,3-propanediol, and L-cysteine diamide derivative, as ceramide mimics. The synthesized sulfated glycolipids showed anti-HIV-1 activities.
 21377-41-1P
 IT RCT (Reactant); SM (Synthetic preparation); PREP (Preparation); NACT (Reactant or reagent)
 [Synthesis of sulfated ceramide analogs having mimic of ceramide and their anti-HIV-1 activities]
 RU 21377-41-8 CAPUSL
 CH 1-Propenol, 3-(deoxyolonyl)- (EC1, SC1) (CA INDEX NAME)



LA NUMBER 13 OF 49 CAPUSL COPYRIGHT 2003 ACS (Continued)
 Re: n = 3, 31
 Thus, sulfated 1,3-bis-(1,3-deoxyolonyl)-sn-glycero-3-phosphoserine (1050 = 0.43 .mu.M) is reported.
 IT 1747-141-1P
 RCT (Reactant); NACT (Reactant or reagent)
 [Synthesis of glycerophospholipids as virucides]
 RU 1747-141-1 CAPUSL
 CH 1-Propenol, 3-(deoxyolonyl)- (EC1, SC1) (CA INDEX NAME)

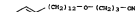


LA NUMBER 15 OF 49 CAPUSL COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 1995-70209S CAPUSL
 DOCUMENT NUMBER: 139192504
 TITLE: Synthesis and biological evaluation of radioiodinated phospholipid ether analogs
 AUTHOR(S): Remy, R. A.; Chou, T. S.; Planchuk, A. N.; Skinner, R. E.
 CORPORATE SOURCE: W. S.; Gross, M. D.; Fleher, S.; Wahl, R.; Connell, R. E.
 MEDICAL SCHOOL, UNIVERSITY OF MICHIGAN, ANN ARBOR, MI, 48109-0623, USA
 SOURCE: Nuclear Medicine and Biology (1995), 22(4), 505-513
 CODON: RMD10; ISSN: 0883-2867
 DOCUMENT TYPE: Journal
 LANGUAGE: English

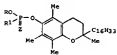
AB Previous work has shown that radioiodinated phospholipid ether analogs with the iodine-125 substituted on the meta position of the aryl ring readily localized in a variety of animal tumors. In an effort to ascertain the importance of such meta substitution, three phospholipid ether analogs with the iodine-125 in the para position were synthesized: 12-(p-iodophenyl)decyl phosphocholine, 1-O-12-(p-iodophenyl)decyl-1,3-bis-(1,3-deoxyolonyl) phosphocholine, and 1-O-12-(p-iodophenyl)decyl-1,3-bis-(1,3-deoxyolonyl) phosphocholine were synthesized and labeled with iodine-125 via an iodocapsule exchange procedure. Similar to previous results

with the meta substituted analogs, tissue distribution studies with the three para analogs demonstrated tumor localization and retention of radioactivity at 24 h after i.v. injection. In all three cases, the para analogs showed greater tumor avidity than the meta isomers and clearance from the radiotracer from the tumor was much slower than the clearance from noncancerous tissues. 12-(p-iodophenyl)decyl phosphocholine afforded the greatest tumor-to-nontarget tissue ratio. For example, the tumor-to-blood and tumor-to-liver ratios at 24 h were 10.86 and 1.88, resp. As a result of such selective tumor retention, it was possible to clearly delineate the tumor using gamma-camera scintigraphy.

IT RCT (Reactant); SM (Synthetic preparation); PREP (Preparation); NACT (Reactant or reagent)
 [Synthesis, biodistribution and tumor uptake of radioiodinated phospholipid ether analogs]
 RU 147814-1 CAPUSL
 CH 1-Propenol, 3-[112-(4-iodophenyl)decyl]- (SC1) (CA INDEX NAME)



18 ANSWER 16 OF 49 CAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 1993-228777 CAPLUS
 DOCUMENT NUMBER: 116-228777
 TITLE: O-alkyl diol O-, S-, and Se-phosphorodates of O-, alpha-tocopherol and their dimethylaminoalkyl derivatives as diester and triester models of phospholipids
 AUTHOR(S): Kozlov, Stepan G.; Gromova, Selo
 CORPORATE SOURCE: Reg. Org. Chem. Technol., Univ. Plovdiv, Plovdiv, 4000, Bulg.
 SOURCE: Lipids (1993), 28(4), 251-6
 CODEN: LIPIDAP; ISSN: 0024-4301
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 GI

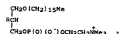


AB Hexamethyltriarside of phosphorous acid, activated by addn. of iodine at
 an optimal molar ratio of 1.05:0.65, was used as a phosphorylating reagent
 to synthesize 1-hexadecyloxyethyl-2-O-, 1-hexadecyloxypropyl-3-O-, and
 1-hexadecyloxybutyl-4-O- (DL-alpha-tocopheryl-4-O-, DL-alpha-tocopheryl-4-O-, DL-alpha-tocopheryl-4-O-) triester models of phospholipids.
 R1 O-, S-, Se-, 2-hexadecyloxyethyl-, hexadecyloxypropyl-, hexadecyloxybutyl-,
 2-hexadecyloxyethyl-, 2-hexadecyloxypropyl-, 2-hexadecyloxybutyl-, and
 3-dimethylaminoalkyl-1-O-triester analogs in a "one-pot procedure" in
 overall yields of 64-91%. Activation of the reaction with an equimolar
 amt. of triester and carbon trioxide at the triester formation step
 permits selective phosphorylation at room temp. The compds. synthesized
 represent new diester and triester models comp. Alkyl ether
 diethylphospholipid structures.
 IT 23377-40-4, 1-((3-hydroxypropyloxy)hexadecane
 RI: NOT (Reagent), RACT (Reagent or reagent)
 RU Reaction of with hexamethylphosphorous triarside and tocopherol
 RH 23377-40-4 CAPLUS
 CH 1-Propanol, 3-(hexadecyloxy)- (EC1, SC1) (CA INDEX NAME)
 Me-(CH₂)₁₅-O-(CH₂)₃-OH

18 ANSWER 17 OF 49 CAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 1993-228778 CAPLUS
 DOCUMENT NUMBER: 116-228778
 TITLE: A convenient spectrophotometric method for measuring the kinetic parameters of glyceryl-ether monooxygenase
 AUTHOR(S): (EC 1.14.14.5)
 CORPORATE SOURCE: Kozlov, Stepan G.; Gromova, Selo
 SOURCE: Lipids (1993), 28(4), 251-6
 CODEN: LIPIDAP; ISSN: 0024-4301
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 AB Outline of a direct spectrophotometric method for assaying glyceryl-ether monooxygenase activity are described. The assay has several advantages over previous methods including the convenient detn. of the kinetic parameters of lipid substrates and tetrahydropterin cofactors with acceptable accuracy. The apparent Km and Vmax values have been measured for (R)-methyl- and (R)-1,3-bis(methyl-5,6,7,8-tetrahydropterine and 6,8-tetrahydropterine) as well as twelve lipid ethers including 1,3-bis(methyl-5,6,7,8-tetrahydropterine) and the V/K values are a better index for comparing substrate efficiencies. The monooxygenase activities of a variety of assayed lipids are also compared with R-ethyl etc. some of which are weak inhibitors. The effects of monooxygenase activity by various concns. of six detergents are compared and showed that Neg-10 is the most satisfactory for solubilizing alkyl ether substrates at low concns. (approx 0.04% of detergent). The syntheses of a variety of ether lipids used in this work, together with their IR-NMR and IR spectra, are described.
 IT 23377-40-4
 RI: SPW (Synthetic preparation), PREP (Preparation)
 RU (Prep. and reaction kinetics with glyceryl ether monooxygenase)
 RH 23377-40-4 CAPLUS
 CH 1-Propanol, 3-(hexadecyloxy)- (EC1, SC1) (CA INDEX NAME)
 Me-(CH₂)₁₅-O-(CH₂)₃-OH

18 ANSWER 16 OF 49 CAPLUS COPYRIGHT 2003 ACS (Continued)

18 ANSWER 18 OF 49 CAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 1993-228779 CAPLUS
 DOCUMENT NUMBER: 116-228779
 TITLE: NMR spectral analysis of cytosolic ether lipid
 AUTHOR(S): Oikawa, Osamu; Plakow, Scott; Subramaniam, Srinivas R.; Lawrence, David S.
 CORPORATE SOURCE: Reg. Org. Chem. Technol., Univ. Plovdiv, Plovdiv, 4000, Bulg.
 SOURCE: Lipids (1993), 28(4), 251-6
 CODEN: LIPIDAP; ISSN: 0024-4301
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 GI



AB The ether lipid 1 (R = OMe, H, OCH₂Ph, OH) were prepd. from the alca. by
 phosphorylation and acylation and their complete IR- and 13C-NMR
 assignments is reported.
 IT 23377-40-4
 RI: NOT (Reagent), RACT (Reagent or reagent)
 RU (phosphorylation and acylation)
 RH 23377-40-4 CAPLUS
 CH 1-Propanol, 3-(hexadecyloxy)- (EC1, SC1) (CA INDEX NAME)

Me-(CH₂)₁₅-O-(CH₂)₃-OH

16 NUMBER 18 OF 49 CAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 1991-231327 CAPLUS
 DOCUMENT NUMBER: 113-231327
 TITLE: Preparation of radioliodinated phosphate esters as tumor-imaging agents
 INVENTOR(S): Connolly, Raymond D.; Meyer, Karen L.; Schwendner, Susan W.; Hareldshire, Teruaki
 PATENT ASSIGNEE(S): University of Michigan, USA
 SOURCE: U.S., 24 pp. Cont.-in-pert of U.S. Ser. No. 573,586, abandoned

DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION: 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5087721	A	19920211	US 1990-460157	19901003
US 4865261	A	19920103	US 1987-112865	19871003
US 5347030	A	19940013	US 1992-833303	19920210
US 579561	A	19980818	US 1994-204259	19940912
PRIORITY APPL. INFO.			US 1987-112865	19871003
			US 1990-573586	19900927
			US 1990-602157	19901002
			US 1992-833303	19920210

OTHER SOURCE(S): MARPAT 114-231327

CI



AB The title compds. YOCXCH2OP(O)(OMe)(Y) = H2O, H2S, H2S2, H2SR1; R1 = 1; Z = 12H, 12H, 12H, 12H; n = 1-15; X = alkyl, 1) are prepd. as tumor-imaging agents, esp. suitable for gamma-ray emitting agents, or as radiopharmaceuticals. 1-[(12-iodophenyl)dodecyl]-3-(3-(3-iodophenyl)phosphoryl)propane (prepn. given) was condensed with HNE3 in CHCl3/isopropanol/CHP in the presence of Ag2CO3 to give 1-5-[(12-iodophenyl)dodecyl]propargyl-3-(3-iodophenyl)propane. This was labeled with 125I by isotopic exchange, and injected into rats with Walker 256 sarcoma to show strong accumulation in the tumor.

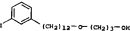
IT 134557-24-79
 RI: RCT (Reactant); SW (Synthetic preparation); PRSP (Preparation); RACT (Reactant or reagent)
 (prepn. and reaction of, with bromomethyl dichlorophosphate)
 CH 134557-24-7 CAPLUS
 RI 1-Propeno1, 3-[(12-(3-iodophenyl)dodecyl)oxy]- (PCI) (CI INDEX NAME)

16 NUMBER 20 OF 49 CAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 1991-429319 CAPLUS
 DOCUMENT NUMBER: 113-298239
 TITLE: Preparation of radioliodinated phospholipid ether analogs as tumor imaging agents
 INVENTOR(S): Connolly, Raymond D.; Meyer, Karen L.; Schwendner, Susan W.
 PATENT ASSIGNEE(S): University of Michigan, USA
 SOURCE: U.S., 17 pp.
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION: 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 4965391	A	19901023	US 1987-113868	19871003
US 5901011	A	19900111	US 1990-602157	19901002
US 5147030	A	19940013	US 1992-833303	19920210
US 579561	A	19980818	US 1994-204259	19940912
PRIORITY APPL. INFO.			US 1987-113868	19871003
			US 1990-573586	19900927
			US 1990-602157	19901002
			US 1992-833303	19920210

OTHER SOURCE(S): MARPAT 115-298239
 AB RI (CH2)XCH2CH2OP(O)(OMe)(CH2CH2) (1, R1 = 3-XCH2, X = radioliodo; Y = R, OR, H2O, OR, R = alkyl, n = 1-15; Z = H2O, H2S, H2S2, H2SR1; n = 1-15) and 1 which R1 = Me and Y = H2O or H2O2 [R2 = 3-XCH2(CH2)n, n = 0-15] were prepd. Thus, YOCXCH2CH2OP(O)(OMe)(CH2CH2) (prepn. given) was condensed with 3-(3-iodo-CH2)1CH2CH2CH2OP(O)(OMe)(CH2CH2) which was condensed with ClP(O)(CH2CH2) and the product treated with H2M to give 1-3-(3-iodo-CH2)1CH2CH2CH2OP(O)(OMe)(CH2CH2) (0-10-CH2CH2-Me) (1).

IT 134557-24-79
 RI: RCT (Reactant); SW (Synthetic preparation); PRSP (Preparation); RACT (Reactant or reagent)
 (prepn. and reaction of, in prepn. of tumor imaging agents)
 CH 134557-24-7 CAPLUS
 RI 1-Propeno1, 3-[(12-(3-iodophenyl)dodecyl)oxy]- (PCI) (CI INDEX NAME)



16 NUMBER 19 OF 49 CAPLUS COPYRIGHT 2003 ACS (Continued)



16 NUMBER 21 OF 49 CAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 1990-519874 CAPLUS
 DOCUMENT NUMBER: 113-19874
 TITLE: Radiolipids. 16. Synthesis and cytotoxic activity of O-alkylglycerophospho-L-serine analogs
 INVENTOR(S): Brenowitz, H.; Jansen, P.; Dube, G.; Scholtz, J.; Palmiter, P.; Hermetter, A.
 CORPORATE SOURCE: Schering-Plough, Kenilworth, NJ, USA
 SOURCE: Schering-Plough, Kenilworth, NJ, USA
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASABACT 113-19874

AB The synthesis of O-alkylglycerophospho-L-serine analogs e.g. R = Me(CH2)18O, R1 = Me(CH2)18O, R2 = Me(CH2)18O, R3 = Me(CH2)18O, R4 = Me(CH2)18O, R5 = Me(CH2)18O, R6 = Me(CH2)18O, R7 = Me(CH2)18O, R8 = Me(CH2)18O, R9 = Me(CH2)18O, R10 = Me(CH2)18O, R11 = Me(CH2)18O, R12 = Me(CH2)18O, R13 = Me(CH2)18O, R14 = Me(CH2)18O, R15 = Me(CH2)18O, R16 = Me(CH2)18O, R17 = Me(CH2)18O, R18 = Me(CH2)18O, R19 = Me(CH2)18O, R20 = Me(CH2)18O, R21 = Me(CH2)18O, R22 = Me(CH2)18O, R23 = Me(CH2)18O, R24 = Me(CH2)18O, R25 = Me(CH2)18O, R26 = Me(CH2)18O, R27 = Me(CH2)18O, R28 = Me(CH2)18O, R29 = Me(CH2)18O, R30 = Me(CH2)18O, R31 = Me(CH2)18O, R32 = Me(CH2)18O, R33 = Me(CH2)18O, R34 = Me(CH2)18O, R35 = Me(CH2)18O, R36 = Me(CH2)18O, R37 = Me(CH2)18O, R38 = Me(CH2)18O, R39 = Me(CH2)18O, R40 = Me(CH2)18O, R41 = Me(CH2)18O, R42 = Me(CH2)18O, R43 = Me(CH2)18O, R44 = Me(CH2)18O, R45 = Me(CH2)18O, R46 = Me(CH2)18O, R47 = Me(CH2)18O, R48 = Me(CH2)18O, R49 = Me(CH2)18O, R50 = Me(CH2)18O, R51 = Me(CH2)18O, R52 = 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LA ANSWER 25 OF 49 CAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 11177437 CAPLUS
 DOCUMENT NUMBER: 11177437
 TITLE: Study of the mixed monolayers of poly(vinyl) stearate and n-long chain alkyl ethenols and propenol at air-liquid interface
 AUTHOR(S): Kulkarni, Vittal S.; Rathi, S. S.
 CORPORATE SOURCE: Phys. Chem. Div., Natl. Chem. Lab., Pune, 411008, India
 SOURCE: Journal of Surface Science and Technology (1989), 5(1), 175-9
 CODEN: JSURTE; ISSN: 0970-1893
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 AB The miscibility of poly(vinyl) stearate with either dodecyl- or hexadecylpropenol is studied as a Langmuir film balance. All 3 systems are found to be miscible and nonideal. These mixed monolayers are expected to be effective films in H₂O-evapn. redn.
 IT 23377-40+
 RI: PIP (Properties)
 RI: Langmuir monolayers of, with poly(vinyl stearate)
 RI 23377-40-4 CAPLUS
 RI 1-Propenol, 3-(hexadecyloxy)- (ECI, SCI) (CA INDEX NAME)

Meⁿ-(CH₂)₁₅-Oⁿ-(CH₂)₃-OH

LA ANSWER 25 OF 49 CAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 111834795 CAPLUS
 DOCUMENT NUMBER: 111834795
 TITLE: Synthesis of quaternary amine ether lipids and evaluation of neoplastic cell growth inhibitory properties
 AUTHOR(S): Morris-Matechke, Susan L.; Mayer, Karen L.; Marcano, Cesar J.; Jr., Pantabadi, Claude Rossi, Fione; Govind, Patrick L.; Modest, Edward J.
 CORPORATE SOURCE: Rm. Pharm., Univ. North Carolina, Chapel Hill, NC, 27599, USA
 SOURCE: Journal of Medicinal Chemistry (1995), 33(6), 1812-18
 CODEN: JMCMAH; ISSN: 0022-2625
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 AB Novel quaternary amine ether lipids have been synthesized and tested for inhibition of neoplastic cell proliferation with the Hs-60 promyelocytic leukemia cell line. These compounds contain a pos. charged quaternary amine functional group attached either directly to the glycerol backbone or at the end of an alkyl chain. The biol. testing has identified several analogs with activity equiv. to or greater than that exhibited by the ref.
 IT 23377-40-4
 RI: NCT (Reactant); NACT (Reactant or reagent)
 RI: (bromination of, with carbon tetrachloride)
 RI 23377-40-4 CAPLUS
 RI 1-Propenol, 3-(hexadecyloxy)- (ECI, SCI) (CA INDEX NAME)

Meⁿ-(CH₂)₁₅-Oⁿ-(CH₂)₃-OH

LA ANSWER 24 OF 49 CAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 11177437 CAPLUS
 DOCUMENT NUMBER: 11177437
 TITLE: Phospholipid-analogous propenolol diether derivatives
 INVENTOR(S): Useful as anticancer agents, and their production, use, and pharmaceutical compositions
 PATENT ASSIGNEE(S): Inoue, Seisio; Honma, Hiroaki; Tanaka, Akihiko
 SOURCE: Zaidai Chemical Industries, Ltd., Japan
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:
 PATENT NO. KIND DATE APPLICATION NO. DATE
 EP 204244 A2 19930222 EP 1989-207492 19880812
 JP 104244 A3 19930310 JP 1989-201691 19880811
 W. AY, BE, CH, DE, ES, FR, GB, IT, JJ, LU, SE
 JP 0113955 A3 19890603 JP 1989-201691 19880811
 CA 1204242 A1 19920818 CA 1988-574923 19880817
 US 5008484 A 19910434 US 1988-485330 19900112
 JP 1987-204795 19870818
 US 1988-207511 19880803

OTHER SOURCE(S): WAKANT 11177437
 AB Title compds. 8-(OCH₂)₃(OCH₂)₁₅ (R₁ = higher alkyl; R₂ = primary to tertiary amino of quaternary ammonium; n = 3-16) are prep. as anticancer agents. Methylation of Me(CH₂)₁₅(OCH₂)₃OH using Me₂SO and Et₃N in CHCl₃, and silylation of the mesylate with HO(CH₂)₄OH using DAB in Me₂SO, gave Me(CH₂)₁₅(OCH₂)₃(OCH₂)₃OMe. Title ams. are similarly converted to the mesylate, aminolysis of which by Me₂NH in PhMe gave Me(CH₂)₁₅(OCH₂)₃(OCH₂)₃(OCH₂)₄Me₂N⁺ (21). At 0.25 mg/mouse for 6 days in mice inoculated i.p. with M504 cancer cells, II gave total survival 5/5) at 40 dose. vs. 0/5 for controls.
 IT 17347-36-1, 3-(Octadecyloxy)propenol
 RI: NCT (Reactant); NACT (Reactant or reagent)
 RI: (reaction of, in prep. of: antineoplastic propenolol alkyl ammoniumalkyl diethers)
 RI 17347-36-1 CAPLUS
 RI 1-Propenol, 3-(octadecyloxy)- (ECI, SCI) (CA INDEX NAME)

Meⁿ-(CH₂)₁₅-Oⁿ-(CH₂)₃-OH

LA ANSWER 25 OF 49 CAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 110145558 CAPLUS
 DOCUMENT NUMBER: 110145558
 TITLE: Novel lipid analogs with cytostatic and cytotoxic activity
 AUTHOR(S): Khalid
 CORPORATE SOURCE: Crumpton, Shirley Catherine; Goss, Barry; Leahg, Tricia, USA
 SOURCE: Anticancer Research (1991), 6(6), 1361-6
 CODEN: ANTMDA; ISSN: 0250-7005
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 AB 1-O-alkyl diol and glycerol ether lipids with a quaternary ammonium polar head group were synthesized and their cytotoxicity (IC₅₀) tested on KB cells, which have a low 1-O-alkyl cleavage activity, and rat hepatoma 77 cells, which have a relatively high 1-O-alkyl cleavage activity. The original premise was that the compounds would be inactivated by the cleavage enzyme and would, thus, be relatively toxic to cells with less of the enzyme. The results with 3 other cell lines with equiv. levels of cleavage enzymes Hs-60 and M52-4, however, are not consistent with this premise.
 IT 17347-36-25
 RI: RPH (Synthetic preparation); RPH (Preparation)
 RI: (prepn and neoplasia inhibition by, structure in relation to)
 RI 17347-36-3 CAPLUS
 RI 1-Propenol, 3-(octadecyloxy)- (ECI, SCI) (CA INDEX NAME)

Meⁿ-(CH₂)₁₅-Oⁿ-(CH₂)₃-OH

12 ANIMPER 36 OF 48
 13 DECESSION NUMBER 48
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$$\text{Me}-(\text{CH}_2)_{21}-\text{O}-(\text{CH}_2)_3-\text{OH}$$

L8 ANSWER 37 OF 49 CAPLUS COPYRIGHT 2003 ACS (Continued)

$$\text{He}^+ (\text{CH}_2)_{10} - \text{O} - (\text{CH}_2)_3 - \text{OH}$$
[illegible]

RN 23377-40-4 CAPLUS

Abstract

$$\text{Me}-(\text{CH}_2)_2-\text{O}-(\text{CH}_2)_3-\text{OH}$$

CN 1-Propanol, 3-(eicos

ACCESSION NUMBER:

© 2003 Blackwell Publishing Ltd *Journal of Internal Medicine* 253: 103–110

SOURCE: _____

DOCUMENT TYPE: .
 LANGUAGE: .

n-alkoxy butanols with
where

surface pressure (p) studied exhibited no

for two-dimensional
intermediate state of

for various flow and

the same for all nodes

these

29506-12-1

pression in relet

$$\text{-(CH}_2\text{)}_{17}\text{-O-(CH}_2\text{)}_3\text{-OH}$$

1-Propanol, 3-(hexadecyl)-

$$\text{Me}-(\text{CH}_2)_{15}-\text{O}-(\text{CH}_2)_3-\text{OH}$$

23377-41-5 CAPUS
1: (Frontol). 2: (dorsal)

Keywords: *Acidobacteria*; *Chloroflexi*; *Thaumarchaeota*; *Thermotogae*; *Thermoplasma*

N 29506-18-1 CAPUIS

—d

18 ANSWER 38 OF 49 CAPLUS COPYRIGHT 2003 ACS (Continued)

Me-(CH₂)₁₇-O-(CH₂)₃-OH

18 ANSWER 39 OF 49 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1978-193130 CAPLUS
DOCUMENT NUMBER: 85193130
TITLE: Completed compounds
INVENTOR(S): Wirth, Hermann O.; Friedrich, Hans Helmut
PATENT ASSIGNEE(S): Ciba-Geigy A.G., Switz.
SOURCE: Ger. Offen. 1,06 90
CUST: CHXKX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 2739312	A1	19780309	DE 1977-3739312	19770901
DE 2739312	C2	19800308		
CH 22232	A	19810529	CH 1976-11391	19760608
RU 7059784	A	19780310	RU 1977-37564	19770905
US 4101669	A	19810623	CA 1977-286115	19770906
BE 808466	A	19780207	BE 1977-180717	19770907
US 4106195	A	19810204	GB 1977-27897	19770907
US 4464448	A	19810911	US 1977-441369	19770907
JP 5181759	A3	19780311	JP 1977-108229	19770908
JP 5302375	B4	19870330		
FR 2164260	A1	19780407	FR 1977-37186	19770908
FR 2164260	B1	19800405		

PRIORITY APPL. INFO.: CH 1976-11391 19760608
A1 1,2,3-triol or triol monoster or thioether complexes of metal or
ametal salts are thermally stable anticorrosive agents for polymers,
oils, and lubricants. These, stirring 1-60 and 1-50-CH₂(NOCH₂CH₂CH₂CH₂OH)
(I) at 120-20 degree, until a clear melt results and crystal, gives a
1:1 complex (II). Petroleum ether concn. 0.18 II has elem. cond. 7
times, 10-12 OHMCM-1/cm, compared with 2.1 times, 10-16 with I in
place of II.

IT 6648-7C-BD, complexes with metal salts
RU 7059784 (Idea)
(anticorrosive agents, for org. materials)
RU 4389-7D-B CAPLUS
CH Proprietary, 3-(octadecyloxy)- (SC1) (CA INDEX NAME)

Me-(CH₂)₁₇-O-(CH₂)₃-OH

DI-OH

18 ANSWER 40 OF 49 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1978-143956 CAPLUS
DOCUMENT NUMBER: 85143956
TITLE: Method and composition for retarding the evaporation
of ammonia and amines
INVENTOR(S): Com. Robert Pomeroy
PATENT ASSIGNEE(S): USA
SOURCE: U.S. 5 PP.
DOCUMENT TYPE: CODEN: UXKXAM
LANGUAGE: Patent
FAMILY ACC. NUM. COUNT: English
PATENT INFORMATION: 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 3959264	A	19760625	US 1975-573270	19750430
PRIORITY APPL. INFO.: US 1975-573270			19750430	

AB Loss of volatile amines (R₂NH, R₂CHNH₂, R₂CHNH, R₂CHNH₂, R₂CHNH₂,
pyridine) from their aq. solns. was inhibited by adding 1.0ccm 0.005
wt %

fatty alkyl monoethers of mono- or polyethylene glycols or fatty alkyl
ethers of alkanolamines. Examples of the additives included
n-C₁₈H₃₇(OCH₂CH₂)₂OH, n-C₁₈H₃₇(OCH₂CH₂)₂OH, and n-C₁₈H₃₇(OCH₂CH₂)₂OH.
Conjunctive use of the additives also enhanced the effectiveness of
n-hexadecylamine in extending loss of NH₃ from aq. solns.

IT 17847-36-1
RU, NOT (Reactant) RACT (Reactant or reagent)
(inhibition of loss of volatile amines from aq. solns. by)
RU 17847-36-1 CAPLUS
CH 1-Propenol, 3-(octadecyloxy)- (EC1, PC1) (CA INDEX NAME)

Me-(CH₂)₁₇-O-(CH₂)₃-OH

18 ANSWER 41 OF 49 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1979-22156 CAPLUS
DOCUMENT NUMBER: 76-22156
TITLE: Naturally occurring diol lipids. VIII. Mass
spectrometric analysis of mono- and dialkyl ethers of
diols
AUTHOR(S): Kresner, John E. O.; Holman, Ralph T.; Baumann,
Wolfgang J.
CORPORATE SOURCE: Hormel Inst., Univ. Minnesota, Austin, MN, USA
SOURCE: Lipids 1979(1), 21(10), 727-33
CUST: IJDMAP; ISSN: 0041-4301
DOCUMENT TYPE: Journal
LANGUAGE: English

AB Mass spectra of a homologous series of long-chain mono- and dialkyl
ethers
AB Ethanol and propenediols were measured and general patterns of
fragmentation were established. Both classes of diol lipids produce ions
which are characteristic for the alkoxy moieties as well as ions which
are

typical of the constituent short-chain diols. Prominent ions are formed
by cleavage of alpha and beta to the ether O and by rearrangement of 1
or 2 hydrogens and concurrent fission. High resolution mass spectrometry
and deuterium labeling techniques were used to verify the origin of ions
and to substantiate fragmentation mechanisms.

IT 17847-36-1
RU, Not (Properties)
RU 17847-36-1 CAPLUS
CH 1-Propenol, 3-(octadecyloxy)- (EC1, PC1) (CA INDEX NAME)

Me-(CH₂)₁₇-O-(CH₂)₃-OH

LA ANSWER 46 OF 49 CAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 7518160
 DOCUMENT NUMBER: 7518160
 TITLE: Dielectric properties of n-long chain alcohols, alkoxyethanols, and alkoxypropanols
 AUTHOR(S): Pradhan, B. D.; Batti, Subhendra S.; Mukherji, S.
 CORPORATE SOURCE: Nat. Chem. Lab., Poona, India
 SOURCE: Indian Journal of Chemistry (1970), 8(7), 633-7
 DOCUMENT TYPE: JOURNAL
 LANGUAGE: English
 AB The dielectric properties of a series of primary CH, alcoh. derived alkoxyethanols, and alkoxypropanols (where n = 16, 18, 20, and 30) were studied in order to investigate the phase modifications and mol. rotation in the solid state. Similar to the alcoh., the alkoxyethanol also exhibit 2 phase modifications, i.e., a metastable alpha- and a stable beta- phase in the solid state. All the alkoxypropanols except the C16 deriv. transform to a rotating alpha- phase while cooling only. A large dielect. dispersion was obsd. in the alpha- phase. In the case of the alcoh. the higher transition temps. obsd. in the present studies have been attributed to the higher purity of the compds. used. The dielect. data for the alkoxyethanols, alkoxypropanols, and for C20 alc. are reported for the 1st time.
 IT 23377-40-4 CAPLUS 23377-40-4 23377-41-5
 23566-18-1
 RI: PRP (Properties)
 (dielect. const. of, phase transition in relation to)
 RN 23377-40-4 CAPLUS
 CN 1-Propanol, 3-(octadecyloxy)- (RCT, SCT) (CA INDEX NAME)

Me-(CH₂)₁₇-O-(CH₂)₃-OH

RN 23377-40-4 CAPLUS
 CN 1-Propanol, 3-(heptadecyloxy)- (RCT, SCT) (CA INDEX NAME)

Me-(CH₂)₁₅-O-(CH₂)₃-OH

RN 23377-41-5 CAPLUS
 CN 1-Propanol, 3-(dodecyloxy)- (RCT, SCT) (CA INDEX NAME)

Me-(CH₂)₁₁-O-(CH₂)₃-OH

RN 23566-18-1 CAPLUS
 CN 1-Propanol, 3-(eicosyloxy)- (RCT, SCT) (CA INDEX NAME)

LA ANSWER 46 OF 49 CAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 7518288
 DOCUMENT NUMBER: 7518288
 TITLE: Surface thermodynamic properties of n-long-chain alcohols, alkoxyethanols, propanols, and butanols
 AUTHOR(S): Pathak, Samir; Ratti, S.
 CORPORATE SOURCE: Nat. Chem. Lab., Poona, India
 SOURCE: Journal of Chemical and Engineering Data (1969), 14(3), 359-61
 DOCUMENT TYPE: JOURNAL
 LANGUAGE: English
 AB The surface thermodynamic properties of even-membered straight-chain alcoh. (C20 and C22), alkoxy ethanol (C16 to C20), alkoxy propanols (C16 to C22), and alkoxy butanols (C16 and C18) have been derived from surface tension measurements at different temps. There is no significant variation in the thermodynamic properties with the introduction of different extended polar groups to the hydrophobic chain.
 IT 23377-40-4
 RI: PRP (Properties)
 (surface thermodynamic properties of)
 RN 23377-40-4 CAPLUS
 CN 1-Propanol, 3-(heptadecyloxy)- (RCT, SCT) (CA INDEX NAME)

Me-(CH₂)₁₅-O-(CH₂)₃-OH

RN 23377-40-4 CAPLUS
 CN 1-Propanol, 3-(heptadecyloxy)- (RCT, SCT) (CA INDEX NAME)

Me-(CH₂)₁₃-O-(CH₂)₃-OH

RN 23377-40-4 CAPLUS
 CN 1-Propanol, 3-(heptadecyloxy)- (RCT, SCT) (CA INDEX NAME)

Me-(CH₂)₁₁-O-(CH₂)₃-OH

RN 23377-41-5 CAPLUS
 CN 1-Propanol, 3-(dodecyloxy)- (RCT, SCT) (CA INDEX NAME)

Me-(CH₂)₉-O-(CH₂)₃-OH

LA ANSWER 45 OF 49 CAPLUS COPYRIGHT 2003 ACS (Continued)
 Me-(CH₂)₁₅-O-(CH₂)₃-OH

LA ANSWER 47 OF 49 CAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 1969-11794
 DOCUMENT NUMBER: 70-11746
 TITLE: Preparation of n-long chain oxypropanols and oxybutanols and their performance as water retardants
 AUTHOR(S): Ratti, Subhendra S.; Nataraj, M. V.; Samra, S.
 D.: Pathak, Samir; Pradhan, B. D.
 CORPORATE SOURCE: Nat. Chem. Lab., Poona, India
 SOURCE: Indian Journal of Technology (1969), 7(2), 93-6
 DOCUMENT TYPE: JOURNAL
 LANGUAGE: English
 AB Some representative n-long chain oxypropanols and oxybutanols have been prepd. and the effectiveness of their films in retarding water evapn. evaluated in lab. and semifield tests. Close agreement has been observed between the results of Petri dish lab. exper. and the open air evaporimeter exper. Among the compds. prepd., C16-OC3-H4OH and C22-OC3-H4OH give the best performance in respect of percentage evapn. redn. and durability of the film. The use of these compds. as water evapn. retardants at high ambient water temps. is recommended.
 IT 17487-36-1 23377-40-4 23377-41-9
 RI: OCC (Occurrence)
 (as water evapn. inhibitor)
 RN 17487-36-1 CAPLUS
 CN 1-Propanol, 3-(octadecyloxy)- (RCT, SCT) (CA INDEX NAME)

Me-(CH₂)₁₅-O-(CH₂)₃-OH

RN 23377-40-4 CAPLUS
 CN 1-Propanol, 3-(heptadecyloxy)- (RCT, SCT) (CA INDEX NAME)

Me-(CH₂)₁₃-O-(CH₂)₃-OH

RN 23377-41-5 CAPLUS
 CN 1-Propanol, 3-(dodecyloxy)- (RCT, SCT) (CA INDEX NAME)

Me-(CH₂)₁₁-O-(CH₂)₃-OH

LA ANSWER 49 OF 49 CAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 1967-105913 CAPLUS
 DOCUMENT NUMBER: 67105911
 TITLE: Characteristic absorption bands and frequency shifts in the infrared spectra of naturally-occurring long-chain esters, esters, and ether esters of glycerol and various diols
 AUTHOR(S): Baumann, Wolfgang J.; Ushofer, H. M.
 CORPORATE SOURCE: Univ. of Minnesota, Austin, MN, USA
 SOURCE: Chemistry and Physics of Lipids (1968), 2(1), 114-28
 CODEN: CPLJ44; ISSN: 0009-3084
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 AB The IR absorption spectra of long-chain esters, esters, and ether esters of glycerol, 1,3-ethanediol, and propanediols are given. The ester bands (C=O, C-O), ether bands (C-O), hydroxylated O-H bands, and other characteristic bands are given in their relative absorption intensities and noted as strong, medium, weak and shoulder. These spectra are discussed and interpreted. 44 references.
 IT 17487-36-1
 RI PRP (Properties)
 RI Spectrum (IR) OF
 RI 17487-36-1 CAPLUS
 RI 1-Propenol, 3-(octadecyloxy)- (ECI, SCI) (CA INDEX NAME)
 RI Me- (CH₂)₁₇-O- (CH₂)₃-OH

LA ANSWER 49 OF 49 CAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 1967-105913 CAPLUS
 DOCUMENT NUMBER: 67105911
 TITLE: Alkoxy lipids. IV. Synthesis and characterization of naturally occurring esters, esters and other esters of diols
 AUTHOR(S): Baumann, Wolfgang J.; Schmid, Harald H. O.; Ushofer, H. M.; Magold, Helmut E.
 CORPORATE SOURCE: Univ. of Minnesota, Austin, MN, USA
 SOURCE: Biochimica et Biophysica Acta (1967), 14(2), 355-65
 CODEN: BBBAQJ; ISSN: 0006-3008
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 AB cf. preceding abstr. Long-chain alkyl ethers of 1,2-ethanediol were prep'd. from alkyl glyceryl-(1) ethers by glycol cleavage and subsequent rems. of the resulting alkoxyacetaldehydes. Alkyl ethers of 1,3-propanediol were synthesized by alkylation of 3-(trifluoromethyl)propenol with dialkyl ethers, ether esters, as well as mono- and diesters of 1,2-ethanediol and 1,3-propanediol also were prep'd. Chromatographic methods based on partition rather than on adsorption phenomena were suitable for the prep. of diol lipids, as classes, from the corresponding glycerol-derived lipids. The crit. min. temps. of the complexed ethanediol proved to be a satisfactory means of distinction. 49 references.
 IT 17487-36-1
 RI PRP (Properties); SPN (Synthetic preparation); PRP (Preparation)
 RI (Prep. and properties of)
 RI 17487-36-1 CAPLUS
 RI 1-Propenol, 3-(octadecyloxy)- (ECI, SCI) (CA INDEX NAME)
 RI Me- (CH₂)₁₇-O- (CH₂)₃-OH

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ENTRY	SESSION
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FULL ESTIMATED COST

223.52	521.23
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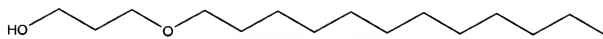
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3-dodecyloxy-1-propanol

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 NEWS 6 Aug 26 Sequence searching in REGISTRY enhanced
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 NEWS 8 Sep 16 Experimental properties added to the REGISTRY file
 NEWS 9 Sep 16 CA Section Thesaurus available in CAPLUS and CA
 NEWS 10 Oct 01 CASREACT Enriched with Reactions from 1907 to 1985
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 NEWS 13 Nov 18 DKILIT has been renamed APOLLIT
 NEWS 14 Nov 25 More calculated properties added to REGISTRY
 NEWS 15 Dec 04 CSA files on STN
 NEWS 16 Dec 17 PCTFULL now covers WP/PCT Applications from 1978 to date
 NEWS 17 Dec 17 TOXCENTER enhanced with additional content
 NEWS 18 Dec 17 Adis Clinical Trials Insight now available on STN
 NEWS 19 Jan 29 Simultaneous left and right truncation added to COMPENDEX,
 ENERGY, INSPEC
 NEWS 20 Feb 13 CANCERLIT is no longer being updated
 NEWS 21 Feb 24 METADEX enhancements
 NEWS 22 Feb 24 PCTGEN now available on STN
 NEWS 23 Feb 24 TEMA now available on STN
 NEWS 24 Feb 26 NTIS now allows simultaneous left and right truncation
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 structures available in REGISTRY
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 NEWS 33 Apr 17 Polymer searching in REGISTRY enhanced
 NEWS 34 Apr 21 Indexing from 1947 to 1956 being added to records in CA/CAPLUS
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 WPIDS/WPINDEX/WPIX
 NEWS 36 Apr 28 RDISCLOSURE now available on STN
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 added to PHAR

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	AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
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NEWS PHONE	Direct Dial and Telecommunication Network Access to STN
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<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

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ENTER SCREEN EXPRESSION OR (END):end

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L1 STRUCTURE UPLOADED

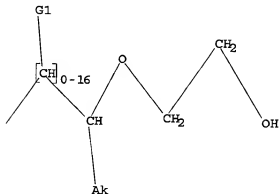
=> que L1

L2 QUE L1

=> d

L2 HAS NO ANSWERS

L1 STR



G1 H, Ak

Structure attributes must be viewed using STN Express query preparation.
L2 QUE ABB=ON PLU=ON L1

=> s l1 full

FULL SEARCH INITIATED 14:47:36 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 868030 TO ITERATE

46.1% PROCESSED 400000 ITERATIONS

1057 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.40

FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
BATCH **INCOMPLETE**

PROJECTED ITERATIONS: 868030 TO 868030

PROJECTED ANSWERS: 2150 TO 2436

L3 1057 SEA SSS FUL L1

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

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148.76

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FILE LAST UPDATED: 5 May 2003 (20030505/ED)

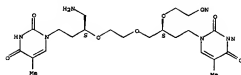
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L4 416 L3

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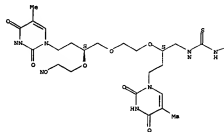
Kamal Saeed



RN 445377-60-6 CAPLUS
CN 5-[1-(2-pyridin-3-ylacetic acid)-4,10-bis[2-(3,4-dihydro-5-methyl-2,4-dioxo-1(2H)-pyridin-1-yl)ethyl]-N-(3',6'-dihydroxy-2-hexyloxy)bis[2-(4-methoxy-5-yl)-13-hydroxy-, (42,100)] (9CI) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A

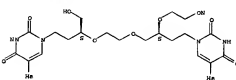


PAGE 1-B

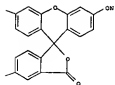


RN 445377-60-6 CAPLUS
CN 5-[1-(2-pyridin-3-ylacetic acid)-4,10-bis[2-(3,4-dihydro-5-methyl-2,4-dioxo-1(2H)-pyridin-1-yl)ethyl]-N-(3',6'-dihydroxy-2-hexyloxy)bis[2-(4-methoxy-5-yl)-13-hydroxy-, (42,100)] (9CI) (CA INDEX NAME)

Absolute stereochemistry.



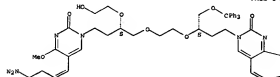
PAGE 1-B



RN 445377-75-3 CAPLUS
CN 4-Pyridinic acid
5-[1-(10H-3-[2-(2,4-dioxo-1(2H)-pyridin-1-yl)-2-(2-hydroxyethoxy)butoxy]ethyl)-4-(triphenylmethyl)butyl]-1,2-dihydro-4-methoxy-2-dioxo-5-pyridin-1-yl, methyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry unknown.

PAGE 1-A



ACCESSION NUMBER: 2002-070125 CAPLUS
DOCUMENT NUMBER: 13714155
TITLE: Reaction system and molded foam articles prepared with reduced mold residence time and improved quality
INVENTOR(S): Shachter, Trent A.; Boreas, David R.; Gillis, Herbert R.
PATENT ABSTRACT(S): Montanari International, LLC, USA
SOURCE: PCT Int. Appl., 61 pp.
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND DATE	APPLICATION NO.	DATE
NO 2002089175	A2	2002089175	20020113
NO 2002089175	A3	200201010	
W. Nr. A2	Ad. Am. At. No. A2	BA, BR, MG, BR, BY, BE, CA, CH, CN, CO, CU, CY, DE, DK, DM, DO, DR, EC, EE, ES, FI, GR, GB, GM, GW, HK, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LA, LB, LG, LT, LU, LV, MA, MD, ME, MG, MK, MN, MU, MZ, NL, NZ, PT, RO, RU, SD, SE, SG, SI, SK, SL, TC, TM, TR, TY, UA, US, UZ, VN, YU, ZA, ZM, AM, AZ, BJ, BT, BU, BY, CA, CH, CN, CY, DE, DK, ES, FI, FR, GB, GR, HK, IL, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GU, GD, GN, GL, HE, HR, HU, IS, JP, TO	US 2003-263766P P 20010124 US 2003-267244P P 20010128 US 2003-272444P P 20010131 US 2003-282244P P 20010131

AB The molded articles are formed by reaction injection molding (RIM) of a polyisocyanate component with an isocyanate-reactive component in a mold, using a blowing agent such as water and an internal mold release agent and silicone surfactants. The molded articles are preferably composites, formed in the presence of a fibrous reinforcing material. The foam molded articles have relatively short mold residence times, can be produced more economically than prior art composites, and show a resin in place defects, such as splits and voids. Thus, a reaction molding compo.

contg: Jaffol 0.20-0.50 polyol 75.8, glycerol 6.6, and Nuhatec 9700 and also contg: catalyza 0.74, Max 1550 surfactant 0.75, Isanol 0715 fatty acid 7.55, Unilcol 080 fatty acid 0.93, Resinate 9721 0.44, pigment 0.1, OC 200 0.03, and water 0.69 parts was blown and molded into a foam panel .50 times (releases).

IT 44008-04-4P
BL: INF (Industrial manufacture); PRP (Preparation); TKN (Technical or engineered material use); PRP (Preparation); US08 (Uses)
(molded foam articles with reduced mold residence time and few splits and voids)

RN 44008-04-4 CAPLUS
CN isocyanic acid, poly(methylolpolysiloxane ether, polymer with 1,2,3-propenyl and alpha, alpha, alpha, alpha, 1,2,3,3,3-hexafluoroisopropyltris[isopropyl-4-hydroxyphenyl]oxy-1,2-ethanediyl] (9CI) (CA INDEX NAME)

Kamal Saeed

Kamal Saeed

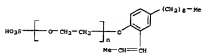
L4 ANSWER 34 OF 416 CAPLUS COPYRIGHT 2003 ACS (Continued)

CN 3

CRN 437992-83-2
 CNF (C2 H4 O)n C21 H24 O3
 CCI H4 O1n C21 H24 O4 S, H2 N1X
 CCI PMS

CN 3

CRN 140651-97-4
 CNF (C2 H4 O)n C18 H26 O4 S, H2 N
 CCI PMS



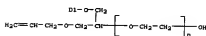
● H2O

CN 4

CRN 111144-60-6
 CNF (C2 H4 O)n C21 H24 O3
 CCI 10S, PMS



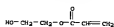
D1= (CH2)8-Me



CN 5

L4 ANSWER 34 OF 416 CAPLUS COPYRIGHT 2003 ACS (Continued)

CRN 838-62-1
 CNF C5 H8 O3



CN 4

CRN 140-88-5
 CNF C5 H8 O3



CN 7

CRN 195-42-5
 CNF C5 H8



CN 8

CRN 96-33-3
 CNF C4 H6 O3



CN 9

CRN 79-41-4
 CNF C4 H6 O3



L4 ANSWER 34 OF 416 CAPLUS COPYRIGHT 2003 ACS (Continued)

CN 10

CRN 79-86-3
 CNF C3 H6 H O



437992-84-2 CAPLUS

2-Propenoic acid, 2-methyl-, polymer with ethyl 2-propenoate, 2-hydroxyethyl 2-propenoate, methyl 2-propenoate, alpha-[1-(nonylphenoxy)methyl]-2-(2-propenoylethyl)-omega-hydroxypoly(oxy-3,2-ethanediyl) and 2-propenoic acid and alpha-sulfo-omega-[4-nonyl-3-(1-propoxy)phenoxy]poly(oxy-1,2-ethanediyl) monosodium salt, compd with 2-(dimethylamino)ethanol (SCI) (CA INDEX NAME)

CN 1

CRN 168-01-0
 CNF C4 H11 H O

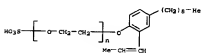
H2N-CH2-CH2-OH

CN 2

CRN 437992-83-1
 CNF (C5 H8 O3, C5 H8 O2, C4 H6 O3, C3 H6 H O, C2 H4 O)n
 C21 H24 O3
 CCI PMS

CN 3

CRN 140651-97-4
 CNF (C2 H4 O)n C18 H26 O4 S, H2 N
 CCI PMS



● H2O

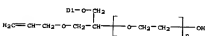
L4 ANSWER 34 OF 416 CAPLUS COPYRIGHT 2003 ACS (Continued)

CN 4

CRN 112144-60-6
 CNF (C2 H4 O)n C21 H24 O3
 CCI 10S, PMS

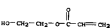


D1= (CH2)8-Me



CN 5

CRN 818-61-1
 CNF C5 H8 O3



CN 4

CRN 140-88-5
 CNF C5 H8 O3



CN 7

CRN 96-33-3
 CNF C4 H6 O3



Kamal Saeed

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14 ANSWER 39 OF 416 CAPLUS COPYRIGHT 2003 ACS (Continued)

CH 5
CHM 116-95-4
CHP C4 H8 O



CH 6
CHM 109-90-3
CHP C4 H8 O



CH 7
CHM 108-78-1
CHP C3 H4 H3



CH 8
CHM 50-00-0
CHP C3 H3 O



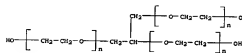
14 ANSWER 39 OF 416 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2003146596
DOCUMENT NUMBER: 1361367630
TITLE: Softeners for tissue paper for imparting good flexibility and moisture feel
INVENTOR(S): Tanaka, Hiroyuki, Kame, Eiichiro, Iizawa, Masao
PATENT ASSIGNEE(S): Masao Chemical Works, Ltd., Japan
SOURCE: Jpn. Kokai Tokyo Koho, 5 pp.
CDSN: JZC3AP
CDSN: JZC3AP
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE
JP 2003146596 A2 20030522 JP 2000-356959 20001103
PRIORITY APPL. INFO. AS 20030522 JP 2000-356959 20001103

AB The softeners comprise (A) glucose, 1-mono amino compounds, selected from aspartic acid, glutamic acid, Na glutamate, arginine, cysteine and proline and/or (B) glucose, 1-amino acid-type surfactants derived from oleic acid, lauric acid, myristic acid, and stearic acid derivative, pyroglylamic acid fatty acid glycerol esters, polyoxyethylene glycerol ether, pyroglylamic acid fatty acid diesters, polyoxyethylene hydrogenated reactor oil ether pyroglylamic acid fatty acid diesters, fatty acid acyl L-glutamic acid and its salts, N-oxo fatty acid acyl L-arginine HCl, L-prolyl-L-hydroxybutyric acid salts. These glutamic acid was sprayed (0.1-100 g/pulp wt.) onto a tissue paper, resulting in good soft and moisture feel.

1T 428978-24-5
RE: TM (Technical or engineered material use); USES (Uses)
(softeners for tissue paper for imparting good flexibility and moisture feel)
RM 428950-24-5 CAPLUS
L-Proline, 5-oxo-, ester with .alpha..alpha'..alpha'..1,2,3..pyromethylenic,omega-hydroxypoly(methyl-2-ethenediyl) (2:1) (PCL)
(CA INDEX NAME)

CH 1
CHM 31694-55-0
CHP (C2 H4 O)n (C2 H4 O)n (C2 H4 O)n C3 H8 O3
CCL PND



14 ANSWER 39 OF 416 CAPLUS COPYRIGHT 2003 ACS (Continued)

CH 2
CHM 99-79-3
CHP C3 H7 N O3

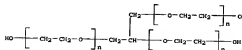
Absolute stereochemistry. Rotation (-).



14 ANSWER 40 OF 416 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2003146599
DOCUMENT NUMBER: 1361433258
TITLE: Aquagum 2T printing ink
INVENTOR(S): Nakano, Yukihiko; Nagahime, Shigeki
PATENT ASSIGNEE(S): KAO CORP., Japan
SOURCE: Jpn. Kokai Tokyo Koho, 12 pp.
CDSN: JZC3AP
CDSN: JZC3AP
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE
JP 2003146599 A2 20030522 JP 2000-350631 20001117
PRIORITY APPL. INFO. AS 20030522 JP 2000-350631 20001117
AB Ink contains eg. water, coloring agents, and 0.01-50% polyoxyalkylene glycol hydroxyethers, (optionally) comp. hetero atom) ethers and/or polymeric alc. (optionally) comp. hetero atom) alkoxylate hydroxyethyl (optionally) comp. hetero atom) ethers. Thus, an ink contained 2-pyrrolidone 10, glycerin 4, phenylene glycol ethoxylate di-16 ether 4, isopropylalcohol 1, H2O 47, and an eg. fine polymer dispersion comp. anionic copolymer 16 g.
1T 428978-27-3 428978-28-0
RE: TM (Technical or engineered material use); USES (Uses)
(eg. 24T printing ink comp. coloring agents and polyoxyalkylene glycol ethers)
RM 428978-27-3 CAPLUS
Poly(methyl-2-ethenediyl), .alpha..alpha'..alpha'..1,2,3..pyromethylenic,omega-hydroxy-, nonenyl ether (PCL) (CA INDEX NAME)

CH 1
CHM 31694-55-0
CHP (C2 H4 O)n (C2 H4 O)n (C2 H4 O)n C3 H8 O3
CCL PND



CH 2
CHM 67-56-1
CHP C4 H4 O



RM 428978-28-0 CAPLUS

Kamal Saeed

14 ANSWER 46 OF 416 CAPLUS COPYRIGHT 2003 ACS (Continued)



CH 3

CIN 73-10-7
CIN C3 H4 O3

CH 3

CIN 73-10-7
CIN C3 H4 O3

14 ANSWER 47 OF 416 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 3030-36746 CAPLUS

DOCUMENT NUMBER: 136131844

TITLE: Radically polymerizable surfactants and modified

polymers using them by emulsion polymerization

INVENTOR(S): Ishihara, Yoshinobu

PATENT ASSIGNEE(S): Kao Corp., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 10 pp.

CODEN: JPKXAP

DOCUMENT TYPE: Japanese

LANGUAGE: Japanese

FAMILY ACQ. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE

PRIORITY APPLS. INFO. JF 200214846 A3 20020416 JF 2000-102743 20001005

AB The invention relates to radically polymerizable compo.

[R1CH(CR2)2CR3CR4(R5)(R6)]_n (R1 = H, Me, Et, R3 = H, C1-18-hydrocarbyl; R4

= C1-18-hydrocarbyl; R5 = C1-18-hydrocarbyl; R6 = H, C1-18-hydrocarbyl; R7 =

C1-18-hydrocarbyl; R8 = C1-18-hydrocarbyl; R9 = H, C1-18-hydrocarbyl; R10 =

C1-18-hydrocarbyl; R11 = C1-18-hydrocarbyl; R12 = H, C1-18-hydrocarbyl; R13 =

C1-18-hydrocarbyl; R14 = C1-18-hydrocarbyl; R15 = H, C1-18-hydrocarbyl; R16 =

C1-18-hydrocarbyl; R17 = C1-18-hydrocarbyl; R18 = H, C1-18-hydrocarbyl; R19 =

C1-18-hydrocarbyl; R20 = C1-18-hydrocarbyl; R21 = H, C1-18-hydrocarbyl; R22 =

C1-18-hydrocarbyl; R23 = C1-18-hydrocarbyl; R24 = H, C1-18-hydrocarbyl; R25 =

C1-18-hydrocarbyl; R26 = C1-18-hydrocarbyl; R27 = H, C1-18-hydrocarbyl; R28 =

C1-18-hydrocarbyl; R29 = C1-18-hydrocarbyl; R30 = H, C1-18-hydrocarbyl; R31 =

C1-18-hydrocarbyl; R32 = C1-18-hydrocarbyl; R33 = H, C1-18-hydrocarbyl; R34 =

C1-18-hydrocarbyl; R35 = C1-18-hydrocarbyl; R36 = H, C1-18-hydrocarbyl; R37 =

C1-18-hydrocarbyl; R38 = C1-18-hydrocarbyl; R39 = H, C1-18-hydrocarbyl; R40 =

C1-18-hydrocarbyl; R41 = C1-18-hydrocarbyl; R42 = H, C1-18-hydrocarbyl; R43 =

C1-18-hydrocarbyl; R44 = C1-18-hydrocarbyl; R45 = H, C1-18-hydrocarbyl; R46 =

C1-18-hydrocarbyl; R47 = C1-18-hydrocarbyl; R48 = H, C1-18-hydrocarbyl; R49 =

C1-18-hydrocarbyl; R50 = C1-18-hydrocarbyl; R51 = H, C1-18-hydrocarbyl; R52 =

C1-18-hydrocarbyl; R53 = C1-18-hydrocarbyl; R54 = H, C1-18-hydrocarbyl; R55 =

C1-18-hydrocarbyl; R56 = C1-18-hydrocarbyl; R57 = H, C1-18-hydrocarbyl; R58 =

C1-18-hydrocarbyl; R59 = C1-18-hydrocarbyl; R60 = H, C1-18-hydrocarbyl; R61 =

C1-18-hydrocarbyl; R62 = C1-18-hydrocarbyl; R63 = H, C1-18-hydrocarbyl; R64 =

C1-18-hydrocarbyl; R65 = C1-18-hydrocarbyl; R66 = H, C1-18-hydrocarbyl; R67 =

C1-18-hydrocarbyl; R68 = C1-18-hydrocarbyl; R69 = H, C1-18-hydrocarbyl; R70 =

C1-18-hydrocarbyl; R71 = C1-18-hydrocarbyl; R72 = H, C1-18-hydrocarbyl; R73 =

C1-18-hydrocarbyl; R74 = C1-18-hydrocarbyl; R75 = H, C1-18-hydrocarbyl; R76 =

C1-18-hydrocarbyl; R77 = C1-18-hydrocarbyl; R78 = H, C1-18-hydrocarbyl; R79 =

C1-18-hydrocarbyl; R80 = C1-18-hydrocarbyl; R81 = H, C1-18-hydrocarbyl; R82 =

C1-18-hydrocarbyl; R83 = C1-18-hydrocarbyl; R84 = H, C1-18-hydrocarbyl; R85 =

C1-18-hydrocarbyl; R86 = C1-18-hydrocarbyl; R87 = H, C1-18-hydrocarbyl; R88 =

C1-18-hydrocarbyl; R89 = C1-18-hydrocarbyl; R90 = H, C1-18-hydrocarbyl; R91 =

C1-18-hydrocarbyl; R92 = C1-18-hydrocarbyl; R93 = H, C1-18-hydrocarbyl; R94 =

C1-18-hydrocarbyl; R95 = C1-18-hydrocarbyl; R96 = H, C1-18-hydrocarbyl; R97 =

C1-18-hydrocarbyl; R98 = C1-18-hydrocarbyl; R99 = H, C1-18-hydrocarbyl; R100 =

C1-18-hydrocarbyl; R101 = C1-18-hydrocarbyl; R102 = H, C1-18-hydrocarbyl; R103 =

C1-18-hydrocarbyl; R104 = C1-18-hydrocarbyl; R105 = H, C1-18-hydrocarbyl; R106 =

C1-18-hydrocarbyl; R107 = C1-18-hydrocarbyl; R108 = H, C1-18-hydrocarbyl; R109 =

C1-18-hydrocarbyl; R110 = C1-18-hydrocarbyl; R111 = H, C1-18-hydrocarbyl; R112 =

C1-18-hydrocarbyl; R113 = C1-18-hydrocarbyl; R114 = H, C1-18-hydrocarbyl; R115 =

C1-18-hydrocarbyl; R116 = C1-18-hydrocarbyl; R117 = H, C1-18-hydrocarbyl; R118 =

C1-18-hydrocarbyl; R119 = C1-18-hydrocarbyl; R120 = H, C1-18-hydrocarbyl; R121 =

C1-18-hydrocarbyl; R122 = C1-18-hydrocarbyl; R123 = H, C1-18-hydrocarbyl; R124 =

C1-18-hydrocarbyl; R125 = C1-18-hydrocarbyl; R126 = H, C1-18-hydrocarbyl; R127 =

C1-18-hydrocarbyl; R128 = C1-18-hydrocarbyl; R129 = H, C1-18-hydrocarbyl; R130 =

C1-18-hydrocarbyl; R131 = C1-18-hydrocarbyl; R132 = H, C1-18-hydrocarbyl; R133 =

C1-18-hydrocarbyl; R134 = C1-18-hydrocarbyl; R135 = H, C1-18-hydrocarbyl; R136 =

C1-18-hydrocarbyl; R137 = C1-18-hydrocarbyl; R138 = H, C1-18-hydrocarbyl; R139 =

C1-18-hydrocarbyl; R140 = C1-18-hydrocarbyl; R141 = H, C1-18-hydrocarbyl; R142 =

C1-18-hydrocarbyl; R143 = C1-18-hydrocarbyl; R144 = H, C1-18-hydrocarbyl; R145 =

C1-18-hydrocarbyl; R146 = C1-18-hydrocarbyl; R147 = H, C1-18-hydrocarbyl; R148 =

C1-18-hydrocarbyl; R149 = C1-18-hydrocarbyl; R150 = H, C1-18-hydrocarbyl; R151 =

C1-18-hydrocarbyl; R152 = C1-18-hydrocarbyl; R153 = H, C1-18-hydrocarbyl; R154 =

C1-18-hydrocarbyl; R155 = C1-18-hydrocarbyl; R156 = H, C1-18-hydrocarbyl; R157 =

C1-18-hydrocarbyl; R158 = C1-18-hydrocarbyl; R159 = H, C1-18-hydrocarbyl; R160 =

C1-18-hydrocarbyl; R161 = C1-18-hydrocarbyl; R162 = H, C1-18-hydrocarbyl; R163 =

C1-18-hydrocarbyl; R164 = C1-18-hydrocarbyl; R165 = H, C1-18-hydrocarbyl; R166 =

C1-18-hydrocarbyl; R167 = C1-18-hydrocarbyl; R168 = H, C1-18-hydrocarbyl; R169 =

C1-18-hydrocarbyl; R170 = C1-18-hydrocarbyl; R171 = H, C1-18-hydrocarbyl; R172 =

C1-18-hydrocarbyl; R173 = C1-18-hydrocarbyl; R174 = H, C1-18-hydrocarbyl; R175 =

C1-18-hydrocarbyl; R176 = C1-18-hydrocarbyl; R177 = H, C1-18-hydrocarbyl; R178 =

C1-18-hydrocarbyl; R179 = C1-18-hydrocarbyl; R180 = H, C1-18-hydrocarbyl; R181 =

C1-18-hydrocarbyl; R182 = C1-18-hydrocarbyl; R183 = H, C1-18-hydrocarbyl; R184 =

C1-18-hydrocarbyl; R185 = C1-18-hydrocarbyl; R186 = H, C1-18-hydrocarbyl; R187 =

C1-18-hydrocarbyl; R188 = C1-18-hydrocarbyl; R189 = H, C1-18-hydrocarbyl; R190 =

C1-18-hydrocarbyl; R191 = C1-18-hydrocarbyl; R192 = H, C1-18-hydrocarbyl; R193 =

C1-18-hydrocarbyl; R194 = C1-18-hydrocarbyl; R195 = H, C1-18-hydrocarbyl; R196 =

C1-18-hydrocarbyl; R197 = C1-18-hydrocarbyl; R198 = H, C1-18-hydrocarbyl; R199 =

C1-18-hydrocarbyl; R200 = C1-18-hydrocarbyl; R201 = H, C1-18-hydrocarbyl; R202 =

C1-18-hydrocarbyl; R203 = C1-18-hydrocarbyl; R204 = H, C1-18-hydrocarbyl; R205 =

C1-18-hydrocarbyl; R206 = C1-18-hydrocarbyl; R207 = H, C1-18-hydrocarbyl; R208 =

C1-18-hydrocarbyl; R209 = C1-18-hydrocarbyl; R210 = H, C1-18-hydrocarbyl; R211 =

C1-18-hydrocarbyl; R212 = C1-18-hydrocarbyl; R213 = H, C1-18-hydrocarbyl; R214 =

C1-18-hydrocarbyl; R215 = C1-18-hydrocarbyl; R216 = H, C1-18-hydrocarbyl; R217 =

C1-18-hydrocarbyl; R218 = C1-18-hydrocarbyl; R219 = H, C1-18-hydrocarbyl; R220 =

C1-18-hydrocarbyl; R221 = C1-18-hydrocarbyl; R222 = H, C1-18-hydrocarbyl; R223 =

C1-18-hydrocarbyl; R224 = C1-18-hydrocarbyl; R225 = H, C1-18-hydrocarbyl; R226 =

C1-18-hydrocarbyl; R227 = C1-18-hydrocarbyl; R228 = H, C1-18-hydrocarbyl; R229 =

C1-18-hydrocarbyl; R230 = C1-18-hydrocarbyl; R231 = H, C1-18-hydrocarbyl; R232 =

C1-18-hydrocarbyl; R233 = C1-18-hydrocarbyl; R234 = H, C1-18-hydrocarbyl; R235 =

C1-18-hydrocarbyl; R236 = C1-18-hydrocarbyl; R237 = H, C1-18-hydrocarbyl; R238 =

C1-18-hydrocarbyl; R239 = C1-18-hydrocarbyl; R240 = H, C1-18-hydrocarbyl; R241 =

C1-18-hydrocarbyl; R242 = C1-18-hydrocarbyl; R243 = H, C1-18-hydrocarbyl; R244 =

C1-18-hydrocarbyl; R245 = C1-18-hydrocarbyl; R246 = H, C1-18-hydrocarbyl; R247 =

C1-18-hydrocarbyl; R248 = C1-18-hydrocarbyl; R249 = H, C1-18-hydrocarbyl; R250 =

C1-18-hydrocarbyl; R251 = C1-18-hydrocarbyl; R252 = H, C1-18-hydrocarbyl; R253 =

C1-18-hydrocarbyl; R254 = C1-18-hydrocarbyl; R255 = H, C1-18-hydrocarbyl; R256 =

C1-18-hydrocarbyl; R257 = C1-18-hydrocarbyl; R258 = H, C1-18-hydrocarbyl; R259 =

C1-18-hydrocarbyl; R260 = C1-18-hydrocarbyl; R261 = H, C1-18-hydrocarbyl; R262 =

C1-18-hydrocarbyl; R263 = C1-18-hydrocarbyl; R264 = H, C1-18-hydrocarbyl; R265 =

C1-18-hydrocarbyl; R266 = C1-18-hydrocarbyl; R267 = H, C1-18-hydrocarbyl; R268 =

C1-18-hydrocarbyl; R269 = C1-18-hydrocarbyl; R270 = H, C1-18-hydrocarbyl; R271 =

C1-18-hydrocarbyl; R272 = C1-18-hydrocarbyl; R273 = H, C1-18-hydrocarbyl; R274 =

C1-18-hydrocarbyl; R275 = C1-18-hydrocarbyl; R276 = H, C1-18-hydrocarbyl; R277 =

C1-18-hydrocarbyl; R278 = C1-18-hydrocarbyl; R279 = H, C1-18-hydrocarbyl; R280 =

C1-18-hydrocarbyl; R281 = C1-18-hydrocarbyl; R282 = H, C1-18-hydrocarbyl; R283 =

C1-18-hydrocarbyl; R284 = C1-18-hydrocarbyl; R285 = H, C1-18-hydrocarbyl; R286 =

C1-18-hydrocarbyl; R287 = C1-18-hydrocarbyl; R288 = H, C1-18-hydrocarbyl; R289 =

C1-18-hydrocarbyl; R290 = C1-18-hydrocarbyl; R291 = H, C1-18-hydrocarbyl; R292 =

C1-18-hydrocarbyl; R293 = C1-18-hydrocarbyl; R294 = H, C1-18-hydrocarbyl; R295 =

C1-18-hydrocarbyl; R296 = C1-18-hydrocarbyl; R297 = H, C1-18-hydrocarbyl; R298 =

C1-18-hydrocarbyl; R299 = C1-18-hydrocarbyl; R300 = H, C1-18-hydrocarbyl; R301 =

C1-18-hydrocarbyl; R302 = C1-18-hydrocarbyl; R303 = H, C1-18-hydrocarbyl; R304 =

C1-18-hydrocarbyl; R305 = C1-18-hydrocarbyl; R306 = H, C1-18-hydrocarbyl; R307 =

C1-18-hydrocarbyl; R308 = C1-18-hydrocarbyl; R309 = H, C1-18-hydrocarbyl; R310 =

C1-18-hydrocarbyl; R311 = C1-18-hydrocarbyl; R312 = H, C1-18-hydrocarbyl; R313 =

C1-18-hydrocarbyl; R314 = C1-18-hydrocarbyl; R315 = H, C1-18-hydrocarbyl; R316 =

C1-18-hydrocarbyl; R317 = C1-18-hydrocarbyl; R318 = H, C1-18-hydrocarbyl; R319 =

C1-18-hydrocarbyl; R320 = C1-18-hydrocarbyl; R321 = H, C1-18-hydrocarbyl; R322 =

C1-18-hydrocarbyl; R323 = C1-18-hydrocarbyl; R324 = H, C1-18-hydrocarbyl; R325 =

C1-18-hydrocarbyl; R326 = C1-18-hydrocarbyl; R327 = H, C1-18-hydrocarbyl; R328 =

C1-18-hydrocarbyl; R329 = C1-18-hydrocarbyl; R330 = H, C1-18-hydrocarbyl; R331 =

C1-18-hydrocarbyl; R332 = C1-18-hydrocarbyl; R333 = H, C1-18-hydrocarbyl; R334 =

C1-18-hydrocarbyl; R335 = C1-18-hydrocarbyl; R336 = H, C1-18-hydrocarbyl; R337 =

C1-18-hydrocarbyl; R338 = C1-18-hydrocarbyl; R339 = H, C1-18-hydrocarbyl; R340 =

C1-18-hydrocarbyl; R341 = C1-18-hydrocarbyl; R342 = H, C1-18-hydrocarbyl; R343 =

C1-18-hydrocarbyl; R344 = C1-18-hydrocarbyl; R345 = H, C1-18-hydrocarbyl; R346 =

C1-18-hydrocarbyl; R347 = C1-18-hydrocarbyl; R348 = H, C1-18-hydrocarbyl; R349 =

C1-18-hydrocarbyl; R350 = C1-18-hydrocarbyl; R351 = H, C1-18-hydrocarbyl; R352 =

C1-18-hydrocarbyl; R353 = C1-18-hydrocarbyl; R354 = H, C1-18-hydrocarbyl; R355 =

C1-18-hydrocarbyl; R356 = C1-18-hydrocarbyl; R357 = H, C1-18-hydrocarbyl; R358 =

C1-18-hydrocarbyl; R359 = C1-18-hydrocarbyl; R360 = H, C1-18-hydrocarbyl; R361 =

C1-18-hydrocarbyl; R362 = C1-18-hydrocarbyl; R363 = H, C1-18-hydrocarbyl; R364 =

C1-18-hydrocarbyl; R365 = C1-18-hydrocarbyl; R366 = H, C1-18-hydrocarbyl; R367 =

C1-18-hydrocarbyl; R368 = C1-18-hydrocarbyl; R369 = H, C1-18-hydrocarbyl; R370 =

C1-18-hydrocarbyl; R371 = C1-18-hydrocarbyl; R372 = H, C1-18-hydrocarbyl; R373 =

C1-18-hydrocarbyl; R374 = C1-18-hydrocarbyl; R375 = H, C1-18-hydrocarbyl; R376 =

C1-18-hydrocarbyl; R377 = C1-18-hydrocarbyl; R378 = H, C1-18-hydrocarbyl; R379 =

C1-18-hydrocarbyl; R380 = C1-18-hydrocarbyl; R381 = H, C1-18-hydrocarbyl; R382 =

C1-18-hydrocarbyl; R383 = C1-18-hydrocarbyl; R384 = H, C1-18-hydrocarbyl; R385 =

C1-18-hydrocarbyl; R386 = C1-18-hydrocarbyl; R387 = H, C1-18-hydrocarbyl; R388 =

C1-18-hydrocarbyl; R389 = C1-18-hydrocarbyl; R390 = H, C1-18-hydrocarbyl; R391 =

C1-18-hydrocarbyl; R392 = C1-18-hydrocarbyl; R393 = H, C1-18-hydrocarbyl; R394 =

C1-18-hydrocarbyl; R395 = C1-18-hydrocarbyl; R396 = H, C1-18-hydrocarbyl; R397 =

C1-18-hydrocarbyl; R398 = C1-18-hydrocarbyl; R399 = H, C1-18-hydrocarbyl; R400 =

C1-18-hydrocarbyl; R401 = C1-18-hydrocarbyl; R402 = H, C1-18-hydrocarbyl; R403 =

C1-18-hydrocarbyl; R404 = C1-18-hydrocarbyl; R405 = H, C1-18-hydrocarbyl; R406 =

C1-18-hydrocarbyl; R407 = C1-18-hydrocarbyl; R408 = H, C1-18-hydrocarbyl; R409 =

C1-18-hydrocarbyl; R410 = C1-18-hydrocarbyl; R411 = H, C1-18-hydrocarbyl; R412 =

C1-18-hydrocarbyl; R413 = C1-18-hydrocarbyl; R414 = H, C1-18-hydrocarbyl; R415 =

C1-18-hydrocarbyl; R416 = C1-18-hydrocarbyl; R417 = H, C1-18-hydrocarbyl; R418 =

C1-18-hydrocarbyl; R419 = C1-18-hydrocarbyl; R420 = H, C1-18-hydrocarbyl; R421 =

C1-18-hydrocarbyl; R422 = C1-18-hydrocarbyl; R423 = H, C1-18-hydrocarbyl; R424 =

C1-18-hydrocarbyl; R425 = C1-18-hydrocarbyl; R426 = H, C1-18-hydrocarbyl; R427 =

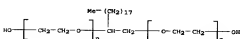
C1-18-hydrocarbyl; R428 = C

14 ANSWER 48 OF 416 CAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 1361394569
 DOCUMENT NUMBER: 1361394569
 TITLE: Alkylated 1,2-diol nonionic surfactants, their manufacture, and use
 INVENTOR(S): Masuoka, Masahiko; Yamashita, Seiji; Katsukawa, Tomohisa
 PATENT ASSIGNER(S): Sanyo Chemical Industries, Ltd., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 10 pp
 COSEN: JOKUAP
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION: 1

PATENT NO. KIND DATE APPLICATION NO. DATE
 JP 2002144624 A3 20020416 JP 2000-146655 20001201
 PRIORITY APPL. INFO.: MARPAT 1361394569
 OTHER SOURCE(S): JP 2000-237465 A 20000804

AB The invention relates to 1,2-diol alkylene oxide adducts
 ELEM(CSDI;NOH;O)(A)O_n (R1 = C1-10-hydrocarbon group, may contain alkyl and/or allylic C; O2 = C2-8-alkylene oxide; n = 1-15; w, a = 0-20)
 establishing the relationship of 0 < (ln(10/0.1444)/(100-T) - 1.0w, 0.24 (T = molar ratio (mol)) of the adduct with w = 0; R = (av. of n) < (av. of n).
 of The alkylated 1,2-diol with reduced difference in the alkylation degree on position 1 and 2 are named, with this method.
 Thus, 1,2-dihydroxydecane was reacted with ethylene oxide in the presence of aluminum perchlorate to give a 1,2-ethoxylated adduct showing viscosity 1500 sq. mm. at 25 degrees.) 80 mPa.s and good foamability.

1T 404301-59-7
 RI: CMP (Industrial manufacture); TEN (Technical or engineered material use); PREP (Preparation); USES (Uses)
 (alkylated 1,2-diol nonionic surfactants with uniform alkylation degree on 1 and 2 positions)
 RIH 404301-59-7 CAPLUS
 CR Poly((1,2-ethanediyl), alpha-, alpha'-1,1-octadecyl-1,3-ethanediyl)bis(omega-hydroxy-, octyl) (CI INDEX NAME)



14 ANSWER 49 OF 416 CAPLUS COPYRIGHT 2003 ACS (Continued)
 CN 111-67-5
 CR CH R16 0

HO-(CH₂)₁₇-Me

14 ANSWER 49 OF 416 CAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 1361314769
 DOCUMENT NUMBER: 1361314769
 TITLE: Antiperspirant aerosol compositions containing liq-
 uidly compounds, powders, and propellants
 INVENTOR(S): Onoda, Takashi; Miyahara, Seiji; Kanohagi, Hiroyuki
 PATENT ASSIGNER(S): Shinsei Co., Ltd., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 20 pp
 COSEN: JOKUAP
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION: 1

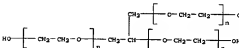
PATENT NO. KIND DATE APPLICATION NO. DATE
 JP 2002144624 A3 20020416 JP 2000-232840 20001025
 PRIORITY APPL. INFO.: MARPAT 1361314769
 OTHER SOURCE(S): JP 2000-236456 A 20000804

AB The invention relates to an antiperspirant aerosol compn. providing a fine mist and good powder attachment without leaving white color on skin, wherein the compn. contains a liq. oily component which is 2-15% a tri-2-methylphenoxide, powder, and a propellant. An antiperspirant aerosol compn. contg. dimethylpolysiloxane 2, octyl acetate 2, glycerol 2, polyoxyethylene caprate 15, sorbitan oleate 1, preservative 0.1, fragrance 0.1, aluminum hydroxychloride 3, zinc oxide 2, silica 3, core match 0.1, calcium acetate 0.1, and liq. petrolatum base balance to 100 a was formulated.

1T 404313-03-5
 RI: COE (Cosmetic use); BIO (Biological study); USES (Uses)
 (antiperspirant aerosol compn. contg. liq. oily compounds, powders and propellants)

RIH 404313-03-5 CAPLUS
 CR Poly((oxy-1,2-ethanediyl), alpha-, alpha'-1, alpha'-1,2,3-propenyl)tri(omega-hydroxy-, octyl) ether (CI1) (CI INDEX NAME)

CH 1
 CN 31694-55-0
 CRF (C1 H4 O)n (C2 H4 O)n (C2 H4 O)n (C3 H8 O)
 CCI PMG



CH 2

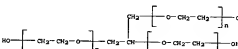
14 ANSWER 50 OF 416 CAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 1361394569
 DOCUMENT NUMBER: 1361394569
 TITLE: Comps. containing oils and powders
 INVENTOR(S): Onoda, Takashi; Miyahara, Seiji; Kanohagi, Hiroyuki
 PATENT ASSIGNER(S): Shinsei Co., Ltd., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 20 pp
 COSEN: JOKUAP
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION: 1

PATENT NO. KIND DATE APPLICATION NO. DATE
 JP 2002144624 A3 20020416 JP 2000-232840 20001025
 PRIORITY APPL. INFO.: MARPAT 1361394569
 OTHER SOURCE(S): JP 2000-237465 A 20000804

AB This invention relates to cosmetics comprising (1) liq. oils which show a soly. of 1-15% in water and stored, 2% in glycerol soln. and (3) multipurpose or water absorbent powders. The oils can be polyoxyethylene fatty acid polyhydroxy alic. esters, polyoxyethylene alkyl polyhydroxy alic. esters, dialkylidipolyoxyethylene alkylenes, polyoxyethylene dialkyl esters, polyoxyethylene dialkyl ethers, and polyhydroxy alic. esters. The cosmetics are smoothly applied and do not whiteness of the powder. A lotus contained ethanol 5, glycerin 3, 1,2-hexylene glycol 5, polyoxyethylene caprate glyceride 10, alkyl-modified carboxypolymer 0.2, naphen que 0.1, paraffin oils 0.1, KOL 0.1, Me pyridinedimethylate 0.5, methylacrylate 0.5, starch 20, succinic acid 0.01, Me succinate 0.09, and water balance to 100 a

1T 404320-03-2
 RI: COE (Cosmetic use); BIO (Biological study); USES (Uses)
 (cosmetics contg. oils and powders and carboxypolymer)
 RIH 404320-03-2 CAPLUS
 CR Poly((oxy-1,2-ethanediyl), alpha-, alpha'-1, alpha'-1,2,3-propenyl)tri(omega-hydroxy-, octyl) ether (CI1) (CI INDEX NAME)

CH 1
 CN 31694-55-0
 CRF (C2 H4 O)n (C2 H4 O)n (C2 H4 O)n (C3 H8 O)
 CCI PMG



CH 2

CN 111-67-5
 CRF CH R16 0

Kamal Saeed

10149139

L4 ANSWER 50 OF 416 CAPLUS COPYRIGHT 2002 ACS (Continued)

HQ- (CH₃)₃-Me

Kamal Saeed

10149139

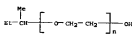
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Kamal Saeed

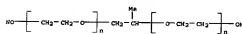
L4 ANSWER 402 OF 416 CAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 123157684
 DOCUMENT NUMBER: 123159321
 TITLE: Detergent composition containing aliphatic branched alcohol ethylene oxide adduct for electronic parts
 INVENTOR(S): Kono, Takahiko; Kikawa, Shigeru; Matsushima, Toshiohiko; Saito, Hiromi; Nagaoka, Akiomi
 PATENT ASSIGNER(S): Dai-ichi Kogyo Kaisha Co Ltd, Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 4 pp.
 COORD: JPO/AF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE
 JP 0708067 A2 19920404 JP 1993-044231 19930907
 PRIORITY APP. INFO. 82 3002012 JP 1993-044231 19930907
 AB The compn. contains C15-18alp. branched alc. adduct with 2-4 mol ethylene oxide. The compn. does not contain substances which destroy the ozone layer and shows a good washing property.
 IT 16567-34-7 CAPLUS
 RI: TM (Technical or engineered material use), USES (Uses)
 (detergent compn. contg. branched alph. alc. ethylene oxide adduct for electronic parts)

CH 15567-34-7 CAPLUS
 CH Poly(oxy-1,2-ethanediyl), -alpha, -(1-methylpropyl)-, omega-, hydroxy-, (9CI) (CA INDEX NAME)



L4 ANSWER 403 OF 416 CAPLUS COPYRIGHT 2003 ACS (Continued)



CH 2

CHN 503-66-3

CHF C3 H6 O3

HO-CH₂-CH₂-OH

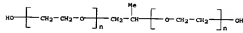
IT 14444-50-6P
 RI: IMP (Industrial manufacture); PREP (Physical, engineering or chemical process); RCT (Reactant); PREP (Preparation); PROC (Process); RACT (Reactant or reagent)
 CH 14444-50-6 CAPLUS
 CH Poly(oxy-1,2-ethanediyl), -alpha, -alpha, -(1-methyl-1,2-ethanediyl)bis(omega-, hydroxy-, 2-(1,1-dimethyl-2-propenyl) ether (9CI) (CA INDEX NAME)

CH 1

CHN 47837-24-5

CHF C2 H4 O1n (C2 H4 O1n C3 H6 O3)

CCI PNG



CH 2

CHN 58954-11-4

CHF C2 H4 O3



L4 ANSWER 402 OF 416 CAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 123159321
 DOCUMENT NUMBER: 123159321
 TITLE: Two-step process for the manufacture of beta-ethersorbic acid
 INVENTOR(S): Bender, Josef; Grottel, Rainer
 PATENT ASSIGNER(S): Bayer A.-G., Germany
 SOURCE: Eur. Pat. Appl., 8 pp.
 COORD: EP/AM
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE
 EP 632579 A1 19941109 EP 1994-106218 19940401
 EP 632579 B1 19950919 EP 1994-106218 19940401
 US 5523479 A1 19941109 US 1993-114627 19930504
 US 5523479 B1 19950904 US 1993-114627 19930504
 US 5523479 A1 19941109 US 1994-106218 19940401
 CA 2125103 A1 19941109 CA 1994-112403 19940401
 DE 1993-114627 19930504

PRIO. APP. INFO. 1
 AB [100]51(OHCH₂CHCO₂H)2 is a residue of m (a = 30-100) and n (b = 1-8) are produced by the stereol. addn. reaction of ita. 2(OH)2 (2 as above), e.g., poly(ethylene oxide or silica (mol. wt. 100-2000), to tert-alkyl esters of alpha,beta-unsatd. acids, e.g. tert-Bu methacrylate, followed by acid hydrolysis of the resulting beta-ethersorbic acid. Thus, 8.34 mol tert-Bu acrylate was added dropwise over 5 h into a dispersion of 26.7 g powd. KOH in 2433 g propagated triethylolpropylene (23.85 OH equiv.) at 45 degree, and the react. stirred for 16 h at that temp. to give the intermediate water (acid no. 13.9, OH no. 267.6 mg KOH) which (1400 g) was hydrolyzed over 8 h with 145.8 g 37% HCl in 3400 mL H₂O at 95 degree.

IT 14444-51-7 CAPLUS
 RI: IMP (Industrial manufacture); PREP (Physical, engineering or chemical process); PREP (Preparation); PROC (Process)
 CH 14444-51-7 CAPLUS
 CH Poly(oxy-1,2-ethanediyl), -alpha, -alpha, -(1-methyl-1,2-ethanediyl)bis(omega-, hydroxy-, 2-carboxyethyl) ether (9CI) (CA INDEX NAME)

CH 1

CHN 47837-24-5

CHF C2 H4 O1n (C2 H4 O1n C3 H6 O3)

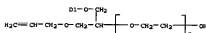
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L4 ANSWER 404 OF 416 CAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 123159376
 DOCUMENT NUMBER: 123159376
 TITLE: Surface-crosslinked water-absorbent polymers having improved properties and their preparation
 INVENTOR(S): Gushko, Andrew T.
 PATENT ASSIGNER(S): Dow Chemical Co., USA
 SOURCE: PCT Int. Appl., 16 pp.
 COORD: P1XSD
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE
 WO 19940403 A1 19940426 WO 1993-058468 19931014
 RU 94010000 A1 19940426 RU 1993-058468 19931014
 RU 94010000 B1 19940426 RU 1993-058468 19931014
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 US 5451299 A1 19940426 US 1993-058468 19931014
 US 5451299 B1 19940426 US 1993-058468 19931014
 EP 646816 A1 19940426 EP 1993-058468 19931014
 JP 09106463 T2 19940709 JP 1993-102079 19931014
 RU 94010000 A1 19940426 RU 1993-058468 19931014
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 RU 94010000 C1 19940426 RU 1993-058468 19931014
 RU 94010000 D1 19940426 RU 1993-058468 19931014

10149139

L4 ANSWER 405 OF 416 CAPLUS COPYRIGHT 2003 ACS (Continued)



CH 3
CIN 108-05-4
CIP C4 H4 C2



CH 3
CIN 75-01-4
CIP C2 H3 C1



RN 148916-63-3 CAPLUS
CN Poly[oxy-1,2-ethenediyl], -alpha-,[1-[(nonylphenoxy)methyl]-2-[(2-propenyloxy)ethyl]-1,3-omega, hydroxy-, polymer with chloroethene (PC) (CA INDEX NAME)
CH 1
CIN 111144-60-6
CIP C2 H4 O1n C1 H34 O3
CCI 108, PMS

L4 ANSWER 405 OF 416 CAPLUS COPYRIGHT 2003 ACS (Continued)

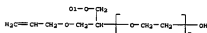
CH 3
CIN 109-20-3
CIP C4 H8 O



CH 3
CIN 75-01-4
CIP C3 H3 C1



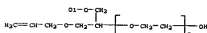
L4 ANSWER 405 OF 416 CAPLUS COPYRIGHT 2003 ACS (Continued)



CH 2
CIN 75-01-4
CIP C2 H3 C1



RN 168109-49-3 CAPLUS
CN Poly[oxy-1,2-ethenediyl], -alpha-,[1-[(nonylphenoxy)methyl]-2-[(2-propenyloxy)ethyl]-1,3-omega, hydroxy-, polymer with chloroethene and ethoxyethene (PC) (CA INDEX NAME)
CH 1
CIN 111144-60-6
CIP C2 H4 O1n C1 H34 O3
CCI 108, PMS



L4 ANSWER 406 OF 416 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1995-041590 CAPLUS
DOCUMENT NUMBER: 1931172016
TITLE: Manufacture of water-resistant and alkali-soluble resin emulsions and pressure-sensitive adhesives thereof
INVENTOR(S): Nireta, Kazuo; Shimazaki, Shin; Nishikie, Haruki; Tsujiyama, Fumio
PATENT ASSIGNER(S): Showa Highpolymer, Japan
SOURCE: Kokai Tokkyo Koho, 5 pp.
CODEN: JKKXAF
PARENT: Japanese
PATENT INFORMATION: 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 07052608	A3	19950228	JP 1993-202343	19930816
JP 2735569	B2	19950211		

PRIORITY APPL. INFO.: JP 1993-202343 19930816
AB The emulsions are made by emulsion polym. of vinyl monomers contg. C-glycol 2-alkyl acrylates and 5-6% unreact. carboxylic acids in the presence of 0.01-0.01% (based on the monomers) beta-mercaptoacrylonitrile

[1] Thus, adding dropwise an aq. emulsion of 2-ethylhexyl acrylate 215, Bu acrylate 215, methacrylic acid 40, 1-10, and Bitanol A 10 reactive surfactant 12 parts in H₂O contg. K₂S₂O₈ at 80 degree, for 3 h and blending the resulting resin emulsion with 3 parts Visafac 1420 (anionic surfactant) gave 50-84-solid emulsion, which was applied on release paper.

Strips, covered with paper, and left at 30 degree, and relative humidity 65% for 3 day to give a pressure-sensitive adhesive showing good adhesion to a glass plate, water resistance, and moly. in aq. NaOH.
IT 167407-33-02

Re: IMP (Industrial manufacture); PMP (Properties); TDM (Technical or engineering material use); PMP (Preparation); USES (Uses)
[Name of water-resistant and alkali-sol. acrylic resin emulsions for pressure-sensitive adhesives]

RN 167407-33-0 CAPLUS
CN 2-Propenoic acid, 2-methyl-, telomer with butyl 2-propenoate, 2-ethylhexyl-2-propenoate, 2-mercaptoacrylonitrile acid and .alpha.-[1-[(4-nonylphenoxy)methyl]-2-[(2-propenyloxy)ethyl]-1,3-ethenediyl] ammonium salt (PC) (CA INDEX NAME)

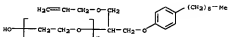
CH 1
CIN 107-26-0
CIP C3 H6 O2 8



CH 3
CIN 167407-33-9
CIP C11 H20 O2 , C7 H12 O2 , C4 H6 O2 , C3 H6 O1n C3 H34 O3 , H3 H4

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```
CM      3
CRN      167407-21-8
CHP      (C2 H4 O)n C21 H34 O3 , H3 N
```



● **MS2**

CM	4
CRN	141-32-2
CMF	C7 H12 O2



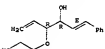
CM 5
CRN 102-11-7
CMP C11 H20 03



CM	6
CRN	79-41-4
OMP	C4 H6 O2

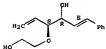
[illegible]

Relative stereochemistry.
Double bond geometry as shown.



RM 149734-57-6 CAPLUS
 CN 1,5-Hexadien-3-ol, 4-(2-hydroxyethoxy)-1-phenyl-, [R*,S*-(E)]- (9CI) (CA
 INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



54	ADWNER 008 OF 116	ACROSS COPIES	2005 ACS
55	ACCESS OR NUMBER	1595:47792	Source
56	ACROSS NUMBER	12115057	Source
57	ADWNER	Charable	Washing machine
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100	ADWNER	Charable	Washing machine

OTHER SOURCE(S): MARPAT 122:215571
AB Catalysts for curing epoxy resins and polymg. polyisocyanates with polyols

comprise reaction products of a polyamine having only one primary amino group and one tertiary amino group, and a noncyclic backbone contg. from 1 to 18 carbon atoms and .gtoreq.1 of urea, guanidine, guanylurea, thiourea, and a mono-N,N'-alkyl-substituted urea or thiourea having from

to 3 carbon atoms in the alkyl moieties. Thus, a mixt. contg. an equiv. amt. of bisphenol A diglycidyl ether (I) and a trifunctional mercap-
and
enol (based on 1, N,N'-bis(4-dimethylamino)propyl)carbons gelled in 3.75 %
1,2,3,2,3-70-3P, Methylenebis(cyclohexyl isocyanate)-polyethylene
glycol glycidyl ether copolymer
1,2,3,2,3-70-3P, Industrial Chemicals, Ltd., PSP (Preparation)
(curable systems contg. tertiary amine catalyze and epoxy resins or
polyurethane-forming components)
1,2,3,2,3-70-3 CH2PO
1,2,3,2,3-70-3, 2-ethanediyl, .alpha.,.alpha',.alpha'',.alpha'''-1,2,3-
polyethylenetris(omega-hydroxy- polyols) with 1,1'-
methylenebis(isocyanate)cyclohexyl isocyanate (SC1) (CA INDEX NAME)
CN 1

CUB 31694-55-0
 CDF (C2 H4 O)_n (C2 H4 O)_n (C2 H4 O)_n C2 H6 O3
 CCI PMS

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CEN 103-11-7
CWF C11 R20 G2



HN 162275-44-7 CAPLUS

ON 2-Propenoic acid, 2-ethylhexyl ester, polymer with
alpha-[1-[[[O-methyl]-

2-propenyl]oxy]methyl]-2-(methylphenyl)ethyl]-omega-hydroxypoly(oxy-1,2-ethenediyl) (SCI) (CA INDEX NAME)

CH 3

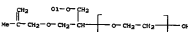
CEN 111344-61-9

CWF C2 M4 D10 C22 R36 G3

OCT 706, ENG



D1-(CH₂)₆-Me



CH 3

CEN 103-11-9

CWF C11 R20 G2



ACCESSION NUMBER:

1995-177267 CAPLUS

DOCUMENT NUMBER:

122165445

TITLE:

A new route to some enantiomerically pure substituted morpholines from D-ribose- and D-glucose-1,4-lactones Benise, Khalil; Calmoud, Patrick; Gelas, Jacques; Ghobai, Mehrouk

AUTHOR(S):

Boule Nationale Supérieure de Chimie de

CORPORATE SOURCE:

Cieumont-Ferrière, S.P. 187, Aubière, 63174, Fr.

SOURCE:

Carbohydrate Research (1995), 264(1), 23-44

PUBLISHER:

Elsevier

DOCUMENT TYPE:

Journal

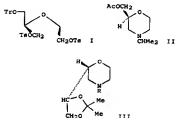
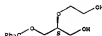
LANGUAGE:

English

OTHER SOURCE(S):

CASREACT 122165445

01



AB D-Ribono-1,4-lactone, after acetalation, tritylation, and redn., leads to a intramol cyclodehydration compd. which gave with tosyl chloride 1,4-anhydro-2,3-O-isopropylidene-3-O-trityl-D-ribitol. The latter was transformed (acid hydrolysis, peroxide oxidn., redn., tritylation, and tosylation) into a disubstituted deriv., I, which was cyclized into morpholines by the action of primary amines. Acid hydrolysis, followed

by acetylation, gives the (2S)-acetoxyethyl 4-isopropyltetrahydro-1,4-oxazine II. A similar sequence has been applied to D-glucolactone to give access to oxazines III (R = Sn, CH₂Sn, CHMe₂).

IT 162275-34-5P

Re: RCT (Reactant); SPW (Synthetic preparation); PREP (Preparation); RACT

(Reactant or reagent)

(A new route to some enantiomerically pure substituted morpholines

from

D-ribose- and D-glucose-1,4-lactones)

HN

162275-34-5 CAPLUS

ON

1-Propenol, 2-(2-hydroxyethoxy)-3-(triphenylmethoxy)-, (S)- (SCI) (CA

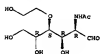
INDEX NAME)

Absolute stereochemistry.

10149139

14 ANSWER 416 OF 416 CMLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 12514024 CMLUS
 DOCUMENT NUMBER: 122391364
 TITLE: Preparation of O-hydroxyethyl and O-hydroxypropyl derivatives of D-glucose and 2-acetamido-2-deoxy-D-glucose for studies of modified hyaluronic acid
 AUTHOR (s): Bjurling, Eva; Olsson, Per-Erik; Lindqvist, Bengt
 CORPORATE SOURCE: Dep. Chem., Pharmacia Optipharmica, Upplands, S-761 82, Sved.
 SOURCE: Acta Chemica Scandinavica (1984), 48(7), 589-95
 CODEN: ACHSCT; ISSN: 0304-213X
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 AB Some hydroxyethyl and hydroxypropyl deriva. of D-glucose and of 2-acetamido-2-deoxy-D-glucose have been synthesised for use as ref. substances for structural studies of hydroxyethylated and hydroxypropylated hyaluronic acid. Hydroxyethyl and hydroxypropyl substituents were introduced in the 2-O- or 3-O-position of D-glucose and in the 4-O- or 6-O-positions of 2-acetamido-2-deoxy-D-glucose by reaction of suitably protected sugars with either ethylene oxide or propylene oxide. Only trace amts. of the doubly alkylated compds. were found.
 IT 182443:38-12
 RI: EPW (Synthetic preparation); PSP (Preparation)
 RW (Group. of O-hydroxyalkyl deriva. of glucose and acetamidodeoxyglucose as refs. for structural studies of modified hyaluronic acid)
 RW 182443:38-1 CMLUS
 CW D-Glucose, 2-(acetylamino)-2-deoxy-4-O-(2-hydroxyethyl)- (SCI) (CA INDEX NURS)

Absolute stereochemistry.



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10149139

=> d ibib abs hitstr 360-390

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CH 8
CHN 79-10-7

$$\text{H}_2\text{C}=\text{C}(\text{O})\text{CH}=\text{CH}_2$$
[illegible]
$$\text{H}_2\text{C}=\text{CH}-\text{CH}_2-\text{O}-\text{CH}_2-\text{CH}(\text{HO}-\text{CH}_2)-\left[\text{O}-\text{CH}_2-\text{CH}_2\right]_n-\text{OH}$$
[illegible]

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CRN 177529-83-8
CMP Unspecified
CCI PMS, MAN

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

CM 2

CRN 177529-79-2
CMP Unspecified
CCI PMS, MAN

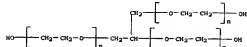
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*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

Kamal Saeed

Kamal Saeed

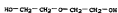
L4 ANSWER 364 OF 416 CAPLUS COPYRIGHT 2003 ACE (Continued)



CH	4
CRN	646-24-2
CME	C9 1122 102



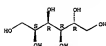
Q4	5
Q2M	111-46-6
Q2P	C4 H10 O3



CH 6
CIRM 56449-05.9
CMF C6 H14 O6 . 6 (C1 H6 O . C2 H4 O1)

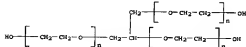


Absolute stereochemistry

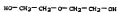


CM 8
CRN 2003-11-6

L4 ANSWER 364 OF 416 CAPLUS COPYRIGHT 2003 ACS (Continued)



CM 4
CRN 111-46-6
CME C4 M10 03



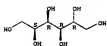
CM	5
CRN	106-50-3
CNP	C6 H8 N2



CM 6
CRN 56449-05-9
CWF 06 M14 04 - 6 (C3 M5 0 C3 M4 0)

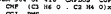


Absolute stereochemistry



CN 8
CRN 9-03-11-6

L4 ANSWER 364 OF 416 CAPLUS COPYRIGHT 2003 ACS (Continued)



CM	9
CRN	75-56-9
CMF	C3 H6 O



OK 10
CRN 75-21-8
CMP C2 H4 O



REF 177769-92-5 CAPLUS
CN Ethanol, 2,2'-oxybis-, polymer with ArcoI E 815, 1,4-benzenediamine, Lupranate 7525, methyloxirane polymer with oxirane ether with O-glucitol (6:1) and .alpha.,.alpha',.alpha',.alpha'-1,2,3-propenetriyltriacetate-hydroxypoly(oxy-1,2-ethenediyl), block (9C1) (CA INDEX NAME)

CM 1

CRN 177529-83-8
CMP Unspecified
CCI PMS, NAN

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

ON	2
CRM	177529-79-2
CMF	Unspecified

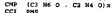
*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

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CN      3
CRN     31694-55-0
CMF     (C2 H4 O)n (C2 H4 O)n (C2 H4 O)n C3 H8 O3
CCI     PMS

```

14 ANSWER 364 OF 416 CAPLUS COPYRIGHT 2003 ACS (Continued)



CM	9
CRN	75-56-9
CMF	C3 H6 O



CM	10
CRN	75-21-8
CMF	C2 H4 O



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RN      17769-93-6 CAPSUS
CH      Ethanol, 2,2'-oxybis-, polymer with Arcol E 815, Lupranate 7525,
        methyloxirane polymer with oxirane ether with D-glucitol (6:1),
        1,3-propanediamine and .alpha...alpha...', .alpha...'1,2,3-
        propanetriyltri(.omega.-hydroxypoly(oxy-1,2-ethanadiyl)), block [9CI]
        [CA INDEX NAME]

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21

CRN 177529-83-8
CMF Unspecified
CCI PHG, MAN

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

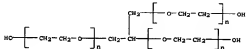
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CRM	177529-79-2
OMP	Unspecified
CCI	PMO, MAN

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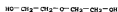
CM 3
CRM 31694-55-0
CMF (C2 H4 O)n (C2 H4 O)n (C2 H4 O)n C3 H8 O2
CCL PMS

Kamal Saeed

14 ANSWER 364 OF 416 CAPLUS COPYRIGHT 2003 ACS (Continued)



CM 4

CSN 111-46-6
CMF C4 H16 O3

CM 5

CSN 159-76-2
CMF C3 H10 O2

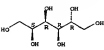
CM 6

CSN 56449-05-9
CMF C6 H14 O4 . 6 (C3 H6 O . C2 H4 O)x

CM 7

CSN 50-70-4
CMF C5 H14 O6

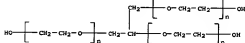
Absolute stereochemistry.



CM 8

CSN 9003-11-6

14 ANSWER 364 OF 416 CAPLUS COPYRIGHT 2003 ACS (Continued)



CM 4

CSN 24800-44-0
CMF C9 H20 O4
CCI 106

3 (DL-PA)

CM 5

CSN 110-65-0
CMF C4 H10 H3

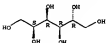
CM 6

CSN 56449-05-9
CMF C6 H14 O6 . 6 (C3 H6 O . C2 H4 O)x

CM 7

CSN 50-70-4
CMF C5 H14 O6

Absolute stereochemistry.



14 ANSWER 364 OF 416 CAPLUS COPYRIGHT 2003 ACS (Continued)

CMF (C3 H6 O . C2 H4 O)x
CCI PMS

CM 9

CSN 75-54-9
CMF C3 H6 O

CM 10

CSN 75-21-8
CMF C2 H4 O

RN 177769-94-7 CAPLUS

CM Propamol, [(1-methyl-1,2-ethanediyl)bis(oxy)]bis-, polymer with Acrol E 819, Lupronate 7525, methyloxirane polymer with oxirane ether with 0-glucitol (6.1), piperidine and alpha..alpha..alpha..1,2,3-propenetrivital-omega-hydroxypoly(oxy-1,2-ethanediyl), block (SCI) (CA INDEX NAME)

CM 1

CSN 177529-83-8
CMF Unspecified
CCI PMS, MAN

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

CM 2

CSN 177529-79-3
CMF Unspecified
CCI PMS, MAN

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

CM 3

CSN 31494-55-0
CMF (C2 H4 O)n (C2 H4 O)m (C2 H4 O)n (C2 H4 O)n (C3 H6 O)
CCI PMS

14 ANSWER 364 OF 416 CAPLUS COPYRIGHT 2003 ACS (Continued)

CM 8

CSN 9003-11-6
CMF (C3 H6 O . C2 H4 O)x
CCI PMS

CM 9

CSN 75-54-9
CMF C3 H6 O

CM 10

CSN 75-21-8
CMF C2 H4 O

RN 177771-86-5 CAPLUS

CM Propamol, [(1-methyl-1,2-ethanediyl)bis(oxy)]bis-, polymer with Acrol E 819, 1,6-hexanediamine, Lupronate 7525, methyloxirane polymer with oxirane ether with 0-glucitol (6.1), and alpha..alpha..alpha..1,2,3-propenetrivital-omega-hydroxypoly(oxy-1,2-ethanediyl), block (SCI) (CA INDEX NAME)

CM 1

CSN 177529-83-8
CMF Unspecified
CCI PMS, MAN

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

CM 2

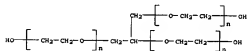
CSN 177529-79-3
CMF Unspecified
CCI PMS, MAN

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

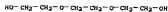
CM 3

CSN 31494-55-0
CMF (C2 H4 O)n (C2 H4 O)m (C2 H4 O)n (C2 H4 O)n (C3 H6 O)
CCI PMS

Kamal Saeed



CM 4

 CRM 24800-44-0
 CPM C9 H20 O4
 CCI 108


3 [D1=Me]

CM 5

 CRM 124-09-4
 CPM C6 H16 H3


CM 6

 CRM 56449-05-9
 CPM C6 H14 O6 . 6 (C3 H6 O . C2 H4 O)x

CM 7

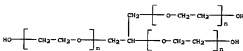
 CRM 50-70-4
 CPM C6 H14 O4

Absolute stereochemistry.

 CPM Unspecified
 CCI PMS, MAN

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

CM 3

 CRM 31694-55-0
 CPM (C2 H4 O)n (C2 H4 O)n (C2 H4 O)n (C2 H4 O)n (C2 H4 O)n (C2 H4 O)n
 CCI PMS


CM 4

 CRM 2143-42-0
 CPM C4 H10 O2
H₂

CM 5

 CRM 124-09-4
 CPM C6 H16 H2

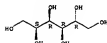

CM 6

 CRM 56449-05-9
 CPM C6 H14 O6 . 6 (C3 H6 O . C2 H4 O)x

CM 7

 CRM 50-70-4
 CPM C6 H14 O4

Absolute stereochemistry.



CM 8

 CRM 9003-11-6
 CPM (C3 H6 O . C2 H4 O)x
 CCI PMS

CM 9

 CRM 75-56-9
 CPM C3 H6 O


CM 10

 CRM 75-21-8
 CPM C3 H6 O

 CRM 17771-97-6 CAPLUS
 1,3-Propenediol, 2-methyl-, polymer with Aroclor E 815, 1,6-hexanediamine,
 Lupranol 7525, methylolurea polymer with oxirane ether with D-glucitol
 (6:1), and -alpha-, alpha', -alpha'', 1,2,3-propanecarboxylic anhydride,
 hydroxypoly(oxy-1,2-ethanediyl), block (SCI) (CA INDEX NAME)

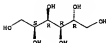
CM 1

 CRM 177529-93-6
 CPM Unspecified
 CCI PMS, MAN

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

CM 3

CRM 177529-79-2



CM 8

 CRM 9003-11-6
 CPM (C3 H6 O . C2 H4 O)x
 CCI PMS

CM 9

 CRM 75-56-9
 CPM C3 H6 O

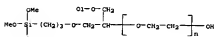

CM 10

 CRM 75-21-8
 CPM C3 H6 O

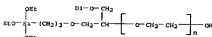

14 ANSWER 365 OF 416 CAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 124136176
 DOCUMENT NUMBER: 124136176
 TITLE: Reactive emulsifier and manufacture thereof and stable aqueous organosolition compositions using the same for water-repellant durable coatings
 INVENTOR(S): Bureauko, Shigeo
 PATENT ASSIGNEE(S): Nippon Catalysts Chem Ind, Japan
 SOURCE: Jpn. Patent No. 2000-146383
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY AVE. NUM. COUNT: 1
 PATENT INFORMATION: 1

PATENT NO. 2000-146383
 KIND DATE APPLICATION NO. DATE
 JP 2000146383 A2 19940110 JP 1994-146383 19940720
 PRIORITY INFO. INFO. JP 1994-146383 19940720
 AB
 Reactive emulsifiers have the general formula

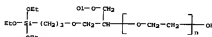
$$\text{R}_1\text{C}(\text{CH}_2\text{CH}_2\text{CH}_2\text{O})_n\text{R}_2$$
 where R₁ = H, halogen, Cl-30 hydroxyethyl; R₂ = Cl-10 hydroxyethyl; R₃ = (unsubstituted Cl-10 hydroxyethyl); n = (unsubstituted Cl-4 alkyne; n = 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 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2161, 2



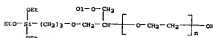
CM 2

CRM 18168-27-5
CMF C12 S28 O3 S1RM 176740-23-0 CAPLUS
CM Poly(oxy-1,2-ethanediyl), -alpha--[1-[(nonylphenoxy)methyl]-3-[(3-triethoxymethyl)propoxy]ethyl]-omega-hydroxy- (PCI) (CA INDEX NAME)

RM 176740-23-1 CAPLUS

RM 176772-56-8 CAPLUS
CM Silane, dacyltrichlorosilyl, polymer with -alpha--[1-[(nonylphenoxy)methyl]-3-[(3-triethoxymethyl)propoxy]ethyl]-omega-hydroxypoly(oxy-1,2-ethanediyl) (PCI) (CA INDEX NAME)

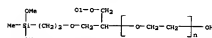
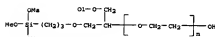
CM 1

CRM 176740-23-0
CMF C31 H4 O1A C37 H50 O6 S1
CCT 106, PM6

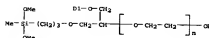
CM 2

CRM 5875-40-4
CMF C13 H32 O3 S1

CM Poly(oxy-1,2-ethanediyl), -alpha--[1-[(3-dimethoxymethyl)propoxy]methyl]-3-[(nonylphenoxy)ethyl]-omega-hydroxy- (PCI) (CA INDEX NAME)

RM 176740-24-3 CAPLUS
CM Poly(oxy-1,2-ethanediyl), -alpha--[1-[(dodecylphenoxy)methyl]-3-[(3-triethoxymethyl)propoxy]ethyl]-omega-hydroxy- (PCI) (CA INDEX NAME)RM 176740-25-3 CAPLUS
CM Poly(oxy-1,2-ethanediyl), -alpha--[1-[(octadecylphenoxy)methyl]-3-[(3-triethoxymethyl)propoxy]ethyl]-omega-hydroxy- (PCI) (CA INDEX NAME)RM 176772-67-9 CAPLUS
CM Silane, trichlorosilyl, polymer with -alpha--[1-[(3-dimethoxymethyl)propoxy]methyl]-3-[(nonylphenoxy)ethyl]-omega-hydroxypoly(oxy-1,2-ethanediyl) and -alpha--[1-[(3-dimethoxymethyl)propoxy]methyl]-3-[(nonylphenoxy)ethyl]-omega-hydroxypoly(oxy-1,2-ethanediyl) (PCI) (CA INDEX NAME)

CM 1

CRM 176740-23-1
CMF C31 H4 O1A C34 H44 O6 S1
CCT 106, PM6

CM 2

CRM 176740-10-6
CMF C31 H4 O1A C36 H46 O6 S1
CCT 106, PM6

LA ANSWER 366 OF 416 CAPLUS COPYRIGHT 2003 ACS (Continued)
 y1:2-(nonylphenonyl)ethyl]-.omega.-hydroxy-, polymer with ethenylbenzene
 (SCI) (CA INDEX NAME)

CM 1

CSN 174740-04-5
 CWF (C3 H4 O)n C28 H40 O3
 CCT IDS, PMS



CM 2

CSN 106-42-5
 CWF C8 H8



RM 174740-77-1 CAPLUS

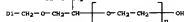
CM Poly(oxy-1,3-ethenediyl),
 alpha-..[2-(((ethenylphenyl)methoxymethyl)-
 y1:2-(nonylphenonyl)ethyl]-.omega.-hydroxy-, polymer with 1,3-butadiene
 end ethenylbenzene (SCI) (CA INDEX NAME)

CM 1

LA ANSWER 366 OF 416 CAPLUS COPYRIGHT 2003 ACS (Continued)
 (CA INDEX NAME)

CM 1

CSN 177345-34-5
 CWF (C2 H4 O)n C27 H32 O3
 CCT IDS, PMS



CM 2

CSN 106-42-5
 CWF C8 H8



RM 177345-55-5 CAPLUS

CM Poly(oxy-1,3-ethenediyl), alpha-..[2-(((ethenylphenyl)methoxymethyl)-3-
 (nonylphenonyl)ethyl]-.omega.-hydroxy-, polymer with 1,3-butadiene end
 ethenylbenzene (SCI) (CA INDEX NAME)

CM 1

CSN 177345-34-5
 CWF (C2 H4 O)n C27 H32 O3
 CCT IDS, PMS

LA ANSWER 366 OF 416 CAPLUS COPYRIGHT 2003 ACS (Continued)

CSN 174740-04-5
 CWF (C3 H4 O)n C28 H40 O3
 CCT IDS, PMS



CM 2

CSN 106-99-0
 CWF C4 H6



CM 2

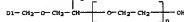
CSN 106-42-5
 CWF C8 H8



RM 177473-58-4 CAPLUS

CM Poly(oxy-1,3-ethenediyl), alpha-..[2-(((ethenylphenyl)methoxymethyl)-3-
 (nonylphenonyl)ethyl]-.omega.-hydroxy-, polymer with ethenylbenzene (SCI)

LA ANSWER 366 OF 416 CAPLUS COPYRIGHT 2003 ACS (Continued)



CM 2

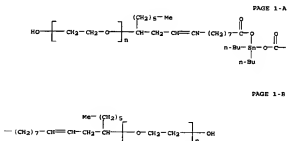
CSN 106-99-0
 CWF C4 H6



CM 2

CSN 106-42-5
 CWF C8 H8





10149139

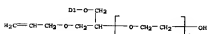
L4 ANSWER 369 OF 416 CAPLUS COPYRIGHT 2003 ACS (Continued)



RM 174916-58-6 CAPLUS
 CM 2-propenoic acid, 2-methyl-, polymer with butyl 2-methyl-2-propenoate, butyl 2-propenoate, 2-hydroxyethyl 2-methyl-2-propenoate and alpha-[1-[(methylphenonylmethyl)-2-(2-propenyl)ethyl]-omega-hydroxypoly(ary-1,2-ethanediyl)] (ICI) (CA INDEX NAME)

CM 1

CRM 111144-69-6
 CMF (C3 H4 O) n C31 H34 O3
 CCI 106, 106



CM 3

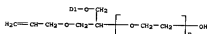
CRM 866-77-9
 CMF C6 H10 O3



CM 3

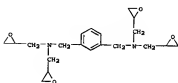
CRM 141-32-3
 CMF C7 H12 O3

L4 ANSWER 369 OF 416 CAPLUS COPYRIGHT 2003 ACS (Continued)



CM 3

CRM 63738-32-7
 CMF C70 H26 H2 C4



CM 3

CRM 866-77-9
 CMF C6 H10 O3



CM 4

CRM 141-32-3
 CMF C7 H12 O3

L4 ANSWER 369 OF 416 CAPLUS COPYRIGHT 2003 ACS (Continued)



CM 4

CRM 97-88-1
 CMF C8 H14 O3



CM 5

CRM 79-41-4
 CMF C4 H6 O3



RM 174974-41-0 CAPLUS
 CM 2-propenoic acid, 2-methyl-, polymer with butyl 2-methyl-2-propenoate, butyl 2-propenoate, 2-hydroxyethyl 2-methyl-2-propenoate, alpha-[1-[(methylphenonylmethyl)-2-(2-propenyl)ethyl]-omega-hydroxypoly(ary-1,2-ethanediyl)] and N,N,N',N'-tetraakis[4-oxocyclohexyl]-1,2-benzenedimethanamine (ICI) (CA INDEX NAME)

CM 1

CRM 111144-60-6
 CMF (C2 H4 O) n C21 H24 O3
 CCI 106, 106

L4 ANSWER 369 OF 416 CAPLUS COPYRIGHT 2003 ACS (Continued)



CM 5

CRM 97-88-1
 CMF C8 H14 O3



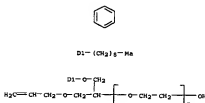
CM 6

CRM 79-41-4
 CMF C4 H6 O3

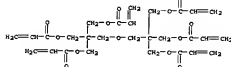


Kamal Saeed

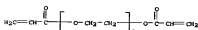
Kamal Saeed



CM 2
CRN 29570-58-9
CMZ C28 H34 O13



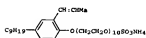
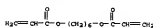
CH 3
CRN 26570-48-9
CIP (C2 H4 O)n C6 H6 O2
CCE BMS



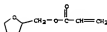
CH 4
CRN 13048-23-4

L4 AMSTER 374 OF 416 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1296121417 CAPLUS
DOCUMENT NUMBER: 1241787601
TITLE: Preparation of graft copolymer latexes, and
thermoelastic resin compositions containing the
copolymer
INVENTOR(S): Bodo, Shigeru; Yamazaki, Toshimori
PATENT ASSIGNEE(S): Asahi Chemical Ind. Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 16 pp.
CODEN: JKXJAP
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

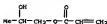
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 07324115	A2	19951212	JP 1994-139723	19940531
PRIORITY APPLN. INFO.:			JP 1994-139723	19940531

[illegible]

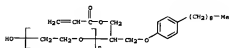
CH	5
CRM	2399-48-6
CMF	C8 H12 O3



CH	6
CRN	999-61-1
CHF	C6 H10 O2

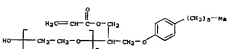


L4 ANSWER 374 OF 416 CAPLUS COPYRIGHT 2003 ACS (Continued)



IT	17443-99-89	ML: IMF (Industrial manufacture); POP (Polymer in preparation); PRP (Properties); PRSP (Preparation); USES (Uses) (prepn. of graft copolymer latexes with laae coagulating and thermoplastic resin compns. contg. graft copolymer)
SW	17443-99-8 CAS#	2-Propenylacrylate, polymer with 1,3-butadiene, ethenylbenzene and -alpha.-[4-[[4-(nonylphenyl)oxy]methyl]-2-[[1-(oxo-2-propenyl)oxy]ethyl]-1-omega-hydroxy]oxy-1,2-ethanediyl], graft (SCI) [CA INDEX NAME]

CH	1
CRM	174143-93-2
CMF	(C2 H4 O) _n C21 H32 O4
CCI	BMS



ON 2
CUM 207-13-1
CITY 02-113-15



OK	3
CR21	106-99-0
CHP	C4 H5



Q 4
CRN 100-42-5

CC(COCCO)C(C)C(C)OCCO[illegible]
$$\begin{array}{c} \text{HO}-\left[\text{CH}_2-\text{CH}_2-\text{O} \right]_n-\text{CH}_2-\left[\text{O}-\text{CH}_2-\text{CH}_2 \right]_n-\text{OH} \\ \text{HO}-\left[\text{CH}_2-\text{CH}_2-\text{O} \right]_n-\text{CH}-\left[\text{O}-\text{CH}_2-\text{CH}_2 \right]_n-\text{OH} \\ \text{HO}-\left[\text{CH}_2-\text{CH}_2-\text{O} \right]_n-\text{CH}-\text{CH}-\left[\text{O}-\text{CH}_2-\text{CH}_2 \right]_n-\text{OH} \end{array}$$
 $\text{HO}_2\text{C}-(\text{CH}_2)_{12}-\text{NH}_2$
$$\text{H}_2\text{C}=\text{C}(\text{CO}_2\text{H})_2$$
$$\text{HO}-\overset{\overset{\text{O}}{\parallel}}{\text{C}}-\text{CH}=\text{CH}_2$$
$$\text{HO}-\overset{\overset{\text{O}}{\parallel}}{\text{C}}-\text{CH}_3$$

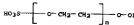
Kamal Saeed

2

14	AD	NUMBER 381 OF 416	CASUS COPYRIGT 2003 ACS		
15		DOCUMENT NUMBER	1994.11524		
16		INVENTOR	131.131.131.131		
17		MANUFACTURE OF acrylic solution-based			
18		pressure sensitive adhesive and adhesive tapes or			
19		sheets for surface protection			
20		INVENTOR(S):			
21		ASSIGNOR(S):	DAIICHI KASEI KOGYO CO., LTD.		
22		SOURCE:	DAIICHI CHEMICAL CO Ltd, Japan		
23		CLASSIFICATION:	C09D 220/04		
24		CLASSIFICATION:	C09D 220/04		
25		CLASSIFICATION:	C09D 220/04		
26		CLASSIFICATION:	C09D 220/04		
27		CLASSIFICATION:	C09D 220/04		
28		CLASSIFICATION:	C09D 220/04		
29		CLASSIFICATION:	C09D 220/04		
30		CLASSIFICATION:	C09D 220/04		
31		CLASSIFICATION:	C09D 220/04		
32		CLASSIFICATION:	C09D 220/04		
33		CLASSIFICATION:	C09D 220/04		
34		CLASSIFICATION:	C09D 220/04		
35		CLASSIFICATION:	C09D 220/04		
36		CLASSIFICATION:	C09D 220/04		
37		CLASSIFICATION:	C09D 220/04		
38		CLASSIFICATION:	C09D 220/04		
39		CLASSIFICATION:	C09D 220/04		
40		CLASSIFICATION:	C09D 220/04		
41		CLASSIFICATION:	C09D 220/04		
42		CLASSIFICATION:	C09D 220/04		
43		CLASSIFICATION:	C09D 220/04		
44		CLASSIFICATION:	C09D 220/04		
45		CLASSIFICATION:	C09D 220/04		
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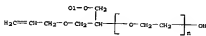
 $\text{H}_2\text{C}=\text{C}=\text{C}$

CRN 112908-98-2
CMP (C2 H4 O)n C18 H28 O4 S . H3 M
CCI 105. PMS


$$\text{O}^{\ominus} = (\text{CH}_2)_8 - \text{Me}$$


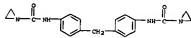
● NH₃

CRN 111144-60-6
CMP (C2 H6 O)n C21 H34 O2
TSS 100% TSS


$$R_1 = (CH_3)_n - H$$


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L4 ANSWER 361 OF 416 CAPLUS COPYRIGHT 2003 ACS (Continued)
 CRI 7417-79-4
 CFI C19 H20 N4 O2



CM 5
 CRI 141-33-2
 CFI C7 H12 O2



CM 6
 CRI 88-12-0
 CFI C6 H9 N O



CM 7
 CRI 79-41-4
 CFI C4 H6 O2

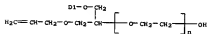


CM 8
 CRI 79-10-7
 CFI C3 H4 O2

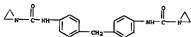
L4 ANSWER 361 OF 416 CAPLUS COPYRIGHT 2003 ACS (Continued)
 CRI 111144-50-4
 CFI C2 H4 O1n C21 H24 O2
 CCI IDE, PMS



D1= (CH2)8=Me



CM 4
 CRI 7417-99-4
 CFI C19 H20 N4 O2



CM 5
 CRI 141-33-2
 CFI C7 H12 O2



CM 6
 CRI 140-88-5
 CFI C6 H8 O2



L4 ANSWER 361 OF 416 CAPLUS COPYRIGHT 2003 ACS (Continued)



RI 173107-89-6 CAPLUS
 CM 2-Propenoic acid, 2-methyl-, polymer with butyl 2-propenoate, 1-ethenyl-2-pyrrolidinone, ethyl 2-propenoate, N,N'-methylene-4,1-phenylenebis[1-sulfinic acidamide], alpha-[5-[(nonylphenoxy)methyl]-2-(3-propoxyloxy)ethyl]-omega-hydroxypoly(oxy-1,2-ethanediyl), 2-propenoic acid and alpha-sulfo-omega-[(nonyl(2-propenylphenoxy)poly(oxy-1,2-ethanediyl) ammonium salt, ammonium salt (9CI) (CA INDEX NAME)

CM 1

CRI 173107-88-8
 CFI C19 H20 N4 O2 . C7 H12 O2 . C6 H9 N O . C5 H8 O2 . C4 H6 O2 . C3 H4 O2 . C2 H4 O1n C21 H24 O2 . C3 H4 O1n C18 H20 O4 S . H3 N)X
 CCI IDE, PMS

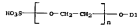
CM 2

CRI 112908-98-2
 CFI C2 H4 O1n C16 H20 O4 S . H3 N
 CCI IDE, PMS



D1= (CH2)8=Me

D1= CH2=CH=CH2



CM 3

L4 ANSWER 361 OF 416 CAPLUS COPYRIGHT 2003 ACS (Continued)

CM 7

CRI 88-12-0
 CFI C6 H9 N O



CM 8

CRI 79-41-4
 CFI C4 H6 O2



CM 9

CRI 79-10-7
 CFI C3 H4 O2



RI 173107-91-0 CAPLUS
 CM 2-Propenoic acid, 2-methyl-, polymer with butyl 2-propenoate, 1-ethenyl-2-pyrrolidinone, ethyl 2-propenoate, N,N'-methylene-4,1-phenylenebis[1-sulfinic acidamide], alpha-[5-[(nonylphenoxy)methyl]-2-(3-propoxyloxy)ethyl]-omega-hydroxypoly(oxy-1,2-ethanediyl), 2-propenoic acid and alpha-sulfo-omega-[(nonyl(2-propenylphenoxy)poly(oxy-1,2-ethanediyl) ammonium salt, ammonium salt (9CI) (CA INDEX NAME)

CM 1

CRI 173107-90-9
 CFI C19 H20 N4 O2 . C6 H12 O2 . C7 H12 O2 . C4 H6 O2 . C3 H4 O2 . C2 H4 O2 . C2 H4 O1n C21 H24 O2 . C3 H4 O1n C18 H20 O4 S . H3 N)X
 CCI IDE, PMS

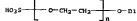
CM 2

CRI 112908-98-2
 CFI C2 H4 O1n C16 H20 O4 S . H3 N
 CCI IDE, PMS

Kamal Saeed

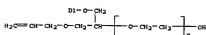
10149139

L4 ANSWER 381 OF 416 CAPLUS COPYRIGHT 2003 ACS (Continued)



CM 3

CRM 111144-60-6
 CWP C2 H4 O1n C21 H24 O3
 CCI 126, PMS



CM 4

CRM 7417-99-4
 CWP C19 H20 O4 O2

L4 ANSWER 381 OF 416 CAPLUS COPYRIGHT 2003 ACS (Continued)



RM 171107-82-2 CAPLUS

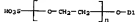
CM 2 Propenoic acid, 2-methyl-, polymer with butyl 2-propanoate, 1-ethenyl-2-pyrrolidinone, alpha-[1-[[(acetylphenyl)methyl]-3-(2-propenyl)oxy]acetyl]-omega-hydroxypoly(oxy-1,2-ethanediy)l, 2-propenoic acid and alpha-sulfonate-omega-[(acetyl-2-propenyl)phenyl]poly(oxy-1,2-ethanediy)l ammonium salt, ammonium salt (SCI) (CA INDEX NAME)

CM 1

CRM 171107-92-1
 CWP C7 H10 O3 . C6 H8 H O . C4 H6 O3 . C3 H4 O2 . (C2 H4 O1n C21 H24 O3)
 CCI PMS

CM 3

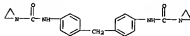
CRM 112808-86-2
 CWP C2 H4 O1n C18 H26 O4 S . H2 H
 CCI 126, PMS



CM 3

CRM 111144-60-6
 CWP C2 H4 O1n C21 H24 O3
 CCI 126, PMS

L4 ANSWER 381 OF 416 CAPLUS COPYRIGHT 2003 ACS (Continued)



CM 5

CRM 2233-05-9
 CWP C8 H12 H O



CM 6

CRM 141-32-2
 CWP C7 H12 O2



CM 7

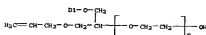
CRM 79-41-4
 CWP C4 H6 O2



CM 8

CRM 79-10-7
 CWP C3 H4 O2

L4 ANSWER 381 OF 416 CAPLUS COPYRIGHT 2003 ACS (Continued)



CM 4

CRM 141-32-2
 CWP C7 H12 O2



CM 5

CRM 88-12-0
 CWP C6 H8 H O



CM 6

CRM 79-41-4
 CWP C4 H6 O2



CM 7

CRM 79-10-7

Kamal Saeed

L4 ANSWER 361 OF 416 CAPLUS COPYRIGHT 2003 ACS (Continued)



CM 6
CRM 89-12-0
CMP C6 H6 H Q



CM 7
CRM 79-41-4
CMP C4 H6 O2



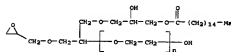
CM 8
CRM 79-10-7
CMP C3 H4 O2



L4 ANSWER 362 OF 416 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1995-08479 CAPLUS
DOCUMENT NUMBER: 134-58448
TITLE: Laminated polyester films
INVENTOR(S): Miura, Sadami; Kitasawa, Seisohi
PATENT ASSIGNOR(S): Fujii Ind. Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 7 pp.
CODEN: JKZAP
LANGUAGE: Persian
FAMILY ACC. NUM. COUNT: Japanese
PATENT INFORMATION: 1

ABSTRACT: POLYESTER film was drawn, granules coated with an water-based soln. of a compn. comprising 26.40-30.4-15.80-5 (mol%) terephthalic acid-2,4-naphthalenedicarboxylic acid-isophthalic acid-5-sodiumisophthalic acid-ethylene glycol-nonylphenyl glycol-1,4-cyclohexanediethanol copolymer 79, 50(CM40)/1(CM30)/(CM40)M (M = 6, n = 7, a = 4; Q = glycidyl) 26, and 69-11-20-20 (mol %) phthalic acid-trimellitic acid-adipic acid-nonylphenyl glycol-1,4-benzenediol copolymer H2O salt 10%, dried, drawn, and beamed at 230 degree. to give a film piece with good adhesion to magnetic coating.
IT 172037-37-MD, reaction products with carbonyl-terminated adipic acid-diethylolpropionic acid-nonylphenyl glycol copolymer 172340-39-3
RE: POP (Polymer in formulation); PMP (Properties); TDM (Technical or engineered material use); USE (Use)
POLYESTER films coated with water- and blocking-resistant coatings contg. binders, oxalylane reactive surfactants and CO2H-contg. compds.
RM 172037-57-5, CAPLUS
CM Poly(oxy-1,2-ethanediyl), -alpha-[1-[2-hydroxy-3-[(1-oxonaphenyl)oxy]propyl)methyl]-3-(oxanylethoxy)ethyl]-, omega-hydroxy-(9CI) (CA INDEX NAME)



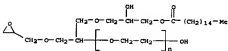
RM 172340-39-3 CAPLUS

L4 ANSWER 363 OF 416 CAPLUS COPYRIGHT 2003 ACS (Continued)

CM 1,3,4-oxanetracarboxylic acid, polymer with 1,3-benzenedicarboxylic acid, 2,2-dimethyl-3,3-propenediol, hexamethyloic acid, 1,4-benzenediol and alpha-[1-[2-hydroxy-3-[(1-oxonaphenyl)oxy]propyl)methyl]-3-(oxanylethoxy)ethyl]-omega-hydroxypoly(oxy-1,2-ethanediyl), ammonium salt (9CI) (CA INDEX NAME)

CM 1
CRM 172360-28-0
CMP IC9 H6 O6 . C5 H6 O4 . C6 H14 O2 . C8 H10 O4 . C5 H12 O3 . IC2 H4
CCI PMS

CM 2
CRM 172037-57-5
CMP IC3 H4 O1n C25 H48 O7
CCI PMS



CM 3
CRM 639-11.8
CMP C8 H14 O2



CM 4
CRM 528-44-9
CMP C8 H16 O6



CM 5

L4 ANSWER 364 OF 416 CAPLUS COPYRIGHT 2003 ACS (Continued)

CM 126-10-7
CMP C8 H12 O2



CM 6
CRM 124-04-9
CMP C8 H10 O4



CM 7
CRM 86-39-3
CMP C8 H16 O4



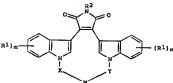


44 ANKENY 388 OF 416
ACCESSION NUMBER: 16951925656 CARLUS
DOCUMENT NUMBER: 132134003
TITLE: Preparation of bis(indolyl)maleimide macrocycles as
beta-scavenging selective protein kinase C
inhibitors.
Heath, William Francis, Jr.; Jirousek, Michael
Robert;
McDonald, John Macgregor, II; Rato, Christopher John
Lilly, Eli. and Co., USA
Ref. Pat. Appl., 70 pp
CODING: SP/00N
Patent:
English
DOCUMENT TYPE:
FAMILY ACC. NUM. COUNT:
ABSTRACT: 16951925656

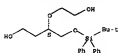
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OTHER SOURCE(S) : MARPAT 123:214022

ANSWER 388 OF 416 CAPLUS COPYRIGHT 2003 ACS (Continued)

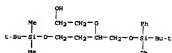
[illegible]

Absolute stereochemistry



14 ANSWER 388 OF 416 CAPLUS COPYRIGHT 2003 ACS (Continued)

16996-83-9 CAPLUS
 CN 16996-83-9 CAPLUS
 CH Stenbol, J. G. [(1,1-dimethylthyl)dimethylsilyl]oxy-1-[[[(1,1-dimethylthyl)disphenyl]oxy]methylpropyl]- (SCI) (CA INDEX NAME)



14 ANSWER 389 OF 416 CAPLUS COPYRIGHT 2003 ACS

1595-4940-9 CAPLUS
 DOCUMENT NUMBER: 154188943
 TITLE: Water-soluble epoxy resins and self-emulsifying epoxy resin compositions
 INVENTOR(S): Noji, Nobuhiko; Ogura, Naoto; Akimoto, Noji;
 Kawanaka, Hideo
 PATENT ASSIGNER(S): Asahi Denso Kogyo Kk, Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 10 pp.
 DOCUMENT TYPE: C08M, C08K37
 LANGUAGE: Recent
 FAMILY ACC. NUM. COUNT: Japanese
 PATENT INFORMATION: 1

INVENT NO. KIND DATE APPLICATION NO. DATE
 JP 0728085 A2 19950805 JP 1594-14066 19940113
 PRIORITY APPRN. INFO. JP 1594-14066 19940113

AB The water-sol. epoxy resins are prepd by the reaction of a COGE-contg. compd. (I) with compds. bearing 2 epoxy groups as the COGE/epoxy group equiv. ratio 1:0.75-1:5 where the compd. I is obtained from the reaction products of 1:1-1 equiv acid anhydride with 3 equiv poly(methylol)ol having mol. wt. 400-10,000. Self-emulsifying epoxy resin compns. are obtained from 10-70 parts the water-sol. epoxy resin and 30-50 parts other epoxy resins. The compns. are useful for coatings with good water and alkali resistance, anticorrosion property, and storage stability. Thus, COGE-contg. polyetherylene glycol/1-methylolpropanedic acid anhydride adduct 146, ADDO Glycol ED 505 450, and dimethylbenzylamine 3 g were mixed at 150 degree. to give a water-sol.

epoxy resin, 30 g of which was blended with 70 g ADEKA Resin EP 4100 to give a self-emulsifying epoxy resin (A). A compn. comprising the A 100, water 100, and ADEKA Hardener D 120 20 parts gave a coating with improved adhesion to a mortar plate.

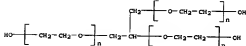
17 171409-16-9 CAPLUS
 RU 171409-16-9 CAPLUS
 CH 1,2-Isobenzofurandione, polymer with Adeka RW 320, (chloromethyl)oxirane, 2,2'-(1,4-hexamethylene)bis(isocyanate)bis(isocyanate), 4,4'-(1,4-methylenediisobenzylidene)bis(phenol), 2,2'-(1,1-methylethylidene)bis(4,1-phenyleneoxyethylmethacrylate)bis(isocyanate) and alpha, alpha', alpha', alpha', 1,2,3-propenetrityltri[omega-hydroxypropyl(oxy-1,2-ethanediyl)] (SCI) (CA INDEX NAME)

CH 1
 CRN 52037-89-7
 CNF Unspecified
 CCT PMS, MAN

14 ANSWER 389 OF 416 CAPLUS COPYRIGHT 2003 ACS (Continued)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

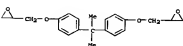
CH 3
 CRN 11494-55-0
 CNF (C2 H4 O)n (C2 H4 O)n (C2 H4 O)n (C2 H4 O)n (C2 H4 O)n (C2 H4 O)n
 CCT PMS



CH 3
 CRN 16096-31-4
 CNF C12 H22 O4



CH 4
 CRN 1675-54-3
 CNF C21 H24 O4



CH 5
 CRN 106-59-6
 CNF C3 H6 O3

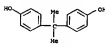


14 ANSWER 389 OF 416 CAPLUS COPYRIGHT 2003 ACS (Continued)

CH 6
 CRN 85-44-9
 CNF C8 H4 O3



CH 7
 CRN 80-05-7
 CNF C15 H14 O2

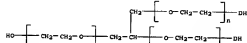


RN 171409-17-9 CAPLUS
 CN 1,2-Isobenzofurandione, hexahydro-, polymer with Adeka RW 320, 2,2'-(1,4-ethyl-3-((oxymethyl)ethoxymethyl)-1,3-propenediyl)bis(isocyanate)bis(isocyanate), 2,2'-(1,4-hexamethylene)bis(isocyanate)bis(isocyanate), 4,4'-(1,4-methylenediisobenzylidene)bis(phenol), 2,2'-(1,1-methylethylidene)bis(4,1-phenyleneoxyethylmethacrylate)bis(isocyanate) and alpha, alpha', alpha', alpha', 1,2,3-propenetrityltri[omega-hydroxypropyl(oxy-1,2-ethanediyl)] (SCI) (CA INDEX NAME)

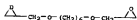
CH 1
 CRN 52037-89-7
 CNF Unspecified
 CCT PMS, MAN

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

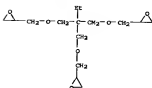
CH 2
 CRN 31694-55-0
 CNF (C2 H4 O)n (C2 H4 O)n (C2 H4 O)n (C2 H4 O)n (C2 H4 O)n (C2 H4 O)n
 CCT PMS



CM 3
CSN 18094-31-4
CMF C12 R22 04



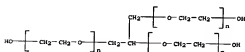
CM 4
CSN 2454-39-3
CMF C15 R26 06



CM 5
CSN 1675-54-3
CMF C31 R24 04



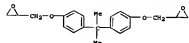
CM 3
CSN 3169-85-0
CMF (C2 R4 D1) (C2 R4 D1) (C2 R4 D1) (C2 R4 D1) (C2 R4 D1)
CCT PMS



CM 4
CSN 25550-61-0
CMF C9 R12 03
CCT TSE



D1-Me



CM 6
CSN 85-42-7
CMF C8 R10 03



IN 171409-20-4 CAPLUS
CM 1,2-isobenzosulfonate, hexahydroethyl-, polymer with Adaka EN 226,
2,2'-(methylenebis(phenylencymethylene))bis(oxirane) and
-alpha-, -alpha', -alpha''-1,2,3-propenetriyltrila-(omega-hydroxypropyl-oxo-
1,2-ethanediyl)] (ICI) (CH INDEX NAME)

CM 1

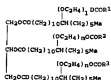
CSN 52037-59-7
CMF Unapacified
CCT PMS, NMS

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

CM 2

CSN 35817-09-9
CMF C19 R20 04
CCT TSE

14 ANSWER 390 OF 416 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1595-679374 CAPLUS
DOCUMENT NUMBER: 123126265
TITLE: Skin-cleansing compositions containing
polyoxyethylene hydrogenated cecar oil fatty acid esters and
surfactants
INVENTOR(S): Uchida, Keiichi, Hoda, Akira, Nakano, Yasuaki,
Miyasawa, Kiyoshi
INVENTOR ADDRESS(ES): Shinjuku Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 8 pp.
LANGUAGE: JPN
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION: PATENT NO. PENDING DATE APPLICATION NO. DATE
PRIORITY APPL. 1MPD: JI 970465N AS 19950008 JP 1994-16599 19940113
JP 1994-16599 19940113



AB Skin-cleansing compns. contain polyoxyethylene hydrogenated cecar oil fatty acid esters 1. (core) of R1-3 = (olefinic higher aliph. hydrocarbon), the rest of R1-3 = H; 1, n, m = integer and amphiphilic surfactants and/or amphoteric surfactants. The compns. show good foaming ability and are useful for removal of makeup cosmetics from skin. A compn. contg. 8 wt. % polyoxyethylene hydrogenated cecar oil triisooctanoate, 10 wt. % butylene lauryldimethylammonioacetate, etc. was formulated.
IT 16945-69-4 169455-90-9
NO, RU (Biological) use, unclassified; BIO (Biological) study; USES (Uses)
EN Skin-cleansing compn. contg. polyoxyethylene hydrogenated cecar oil fatty acid esters and amphiphilic and/or amphoteric surfactants)
IN 16945-69-4 CAPLUS
CM Poly(oxy-1,2-ethanediyl),
-omega-, -hydroxy-, -omega', -omega'', -alpha-(1-oxo-9-
octadecyl)oxy-, -alpha-, -alpha', -alpha'', -alpha''-(1,2,3-propenetriyltrila-(oxy-1,2-oxo-1,2-ethanediyl))trila- (ICI) (CH INDEX NAME)

L4 ANSWER 390 OF 416 CAPLUS COPYRIGHT 2003 ACS (Continued)

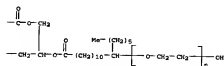


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AN      169685-90-9  CAPLIS
CN      Poly(oxy-1,2-ethanediyl), .omega.,.omega.'-dihydroxy;.omega.''-[3-(6-oxo-9-
octadecenyloxy)-.alpha.,.alpha.',.alpha.''-[2,3-propanethiyltris[oxy(1-
hexyl)-12-oxo-12,1-dodecanediyl]]]tris- {DCI}  (CA INDEX NAME)

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L4 ANSWER 390 OF 416 CAPLUS COPYRIGHT 2003 ACS (Continued)



Kamal Saeed

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ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS

	SINCE FILE	TOTAL
FULL ESTIMATED COST	ENTRY	SESSION
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DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

	SINCE FILE	TOTAL
CA SUBSCRIBER PRICE	ENTRY	SESSION
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STN INTERNATIONAL LOGOFF AT 15:04:00 ON 06 MAY 2003

Kamal Saeed